

SAFETY DATA SHEET

7500 Series PA Tuning Solution Set, Part Number 5188-6524

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name	: 7500 Series PA Tuning Solution Set, Part Number 5188-6524		
Part no. (chemical kit)	: 5188-6524		
Part no.	: 7500 Series PA Tuning 1	5188-6524-1	
	: 7500 Series PA Tuning 2	5188-6524-2	

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	: Reagents and Standards for Analytical Chemistry Laboratory Use		
	7500 Series PA Tuning 1	100 ml	
	7500 Series PA Tuning 2	100 ml	
Uses advised against	: None known.		

1.3 Details of the supplier of the safety data sheet

Agilent Technologies Deutschland GmbH
Hewlett-Packard-Str. 8
76337 Waldbronn
Germany
0800 603 1000

e-mail address of person responsible for this SDS : pdl-msds_author@agilent.com

1.4 Emergency telephone number

Emergency telephone number (with hours of operation) : CHEMTREC®: +(44)-870-8200418

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : 7500 Series PA Tuning 1 Mixture
7500 Series PA Tuning 2 Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

7500 Series PA

Tuning 1

H290	CORROSIVE TO METALS	Category 1
H314	SKIN CORROSION/IRRITATION	Category 1
H411	LONG-TERM (CHRONIC) AQUATIC HAZARD	Category 2

7500 Series PA

Tuning 2

H290	CORROSIVE TO METALS	Category 1
H314	SKIN CORROSION/IRRITATION	Category 1
H335	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation)	Category 3

7500 Series PA Tuning 1 The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

7500 Series PA Tuning 2 The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

SECTION 2: Hazards identification

2.2 Label elements

Hazard pictograms : 7500 Series PA Tuning 1



7500 Series PA Tuning 2



Signal word : 7500 Series PA Tuning 1 Danger
7500 Series PA Tuning 2 Danger

Hazard statements : 7500 Series PA Tuning 1 H290 - May be corrosive to metals.
H314 - Causes severe skin burns and eye damage.
H411 - Toxic to aquatic life with long lasting effects.
7500 Series PA Tuning 2 H290 - May be corrosive to metals.
H314 - Causes severe skin burns and eye damage.
H335 - May cause respiratory irritation.

Precautionary statements

Prevention : 7500 Series PA Tuning 1 P280 - Wear protective gloves, protective clothing and eye or face protection.
P273 - Avoid release to the environment.
7500 Series PA Tuning 2 P280 - Wear protective gloves, protective clothing and eye or face protection.

Response : 7500 Series PA Tuning 1 P391 - Collect spillage.
P304 + P310 - IF INHALED: Immediately call a POISON CENTER or doctor.
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
7500 Series PA Tuning 2 P304 + P310 - IF INHALED: Immediately call a POISON CENTER or doctor.
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

Storage : 7500 Series PA Tuning 1 Not applicable.
7500 Series PA Tuning 2 P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

Disposal : 7500 Series PA Tuning 1 P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
7500 Series PA Tuning 2 P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazardous ingredients : 7500 Series PA Tuning 1 nitric acid [C ≤ 70%]
7500 Series PA Tuning 2 hydrochloric acid and nitric acid [C ≤ 70%]

Supplemental label elements : 7500 Series PA Tuning 1 Not applicable.
7500 Series PA Tuning 2 Not applicable.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : 7500 Series PA Tuning 1 Not applicable.
7500 Series PA Tuning 2 Not applicable.

Special packaging requirements

Tactile warning of danger : 7500 Series PA Tuning 1 Not applicable.
7500 Series PA Tuning 2 Not applicable.

2.3 Other hazards

SECTION 2: Hazards identification

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII : 7500 Series PA Tuning 1 This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
 7500 Series PA Tuning 2 This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other hazards which do not result in classification : 7500 Series PA Tuning 1 Causes digestive tract burns.
 7500 Series PA Tuning 2 Causes digestive tract burns.

SECTION 3: Composition/information on ingredients

3.1 Substances : 7500 Series PA Tuning 1 Mixture
 7500 Series PA Tuning 2 Mixture

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Type
7500 Series PA Tuning 1 nitric acid [C ≤ 70%]	EC: 231-714-2 CAS: 7697-37-2 Index: 007-030-00-3	≤10	Ox. Liq. 3, H272 Met. Corr. 1, H290 Acute Tox. 3, H331 Skin Corr. 1A, H314 Eye Dam. 1, H318 EUH071	Ox. Liq. 3, H272: C ≥ 65% Met. Corr. 1, H290: C ≥ 1% ATE [Inhalation (vapours)] = 2.65 mg/l Skin Corr. 1A, H314: C ≥ 20% Skin Corr. 1B, H314: 5% ≤ C < 20% Eye Dam. 1, H318: C ≥ 1%	[1] [2]
cadmium (non-pyrophoric)	EC: 231-152-8 CAS: 7440-43-9 Index: 048-002-00-0	<0.0025	Acute Tox. 2, H330 Muta. 2, H341 Carc. 1B, H350 Repr. 2, H361fd STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Inhalation (dusts and mists)] = 0.05 mg/l M [Acute] = 10000 M [Chronic] = 10000	[1] [2] [3]
7500 Series PA Tuning 2 hydrochloric acid	EC: 231-595-7 CAS: 7647-01-0 Index: 017-002-01-X	≥10 - ≤25	Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335	Skin Corr. 1B, H314: C ≥ 25% Skin Irrit. 2, H315: 10% ≤ C < 25% Eye Dam. 1, H318: C ≥ 25% Eye Irrit. 2, H319: 10% ≤ C < 25% STOT SE 3, H335: C ≥ 10%	[1] [2]
nitric acid [C ≤ 70%]	EC: 231-714-2 CAS: 7697-37-2 Index: 007-030-00-3	≤3	Ox. Liq. 3, H272 Met. Corr. 1, H290 Acute Tox. 3, H331 Skin Corr. 1A, H314 Eye Dam. 1, H318 EUH071	Ox. Liq. 3, H272: C ≥ 65% Met. Corr. 1, H290: C ≥ 1% ATE [Inhalation (vapours)] = 2.65 mg/l	[1] [2]

SECTION 3: Composition/information on ingredients

hydrogen fluoride	EC: 231-634-8 CAS: 7664-39-3 Index: 009-002-00-6	<0.25	Acute Tox. 2, H300 Acute Tox. 1, H310 Acute Tox. 2, H330 Skin Corr. 1A, H314 See Section 16 for the full text of the H statements declared above.	Skin Corr. 1A, H314: C ≥ 20% Skin Corr. 1B, H314: 5% ≤ C < 20% Eye Dam. 1, H318: C ≥ 1% ATE [Oral] = 5 mg/kg ATE [Dermal] = 5 mg/kg ATE [Inhalation (vapours)] = 0.5 mg/l	[1] [2]
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There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

<p>Type</p> <p>7500 Series PA Tuning 1</p>	<p>[1] Substance classified with a health or environmental hazard [2] Substance with a workplace exposure limit [3] Substance of equivalent concern</p>
<p>7500 Series PA Tuning 2</p>	<p>[1] Substance classified with a health or environmental hazard [2] Substance with a workplace exposure limit</p>

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

<p>Eye contact</p>	<p>: 7500 Series PA Tuning 1</p>	<p>Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.</p>
	<p>7500 Series PA Tuning 2</p>	<p>Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.</p>
<p>Inhalation</p>	<p>: 7500 Series PA Tuning 1</p>	<p>Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.</p>
	<p>7500 Series PA Tuning 2</p>	<p>Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that</p>

SECTION 4: First aid measures

fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin contact : 7500 Series PA Tuning 1

Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

7500 Series PA Tuning 2

Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion : 7500 Series PA Tuning 1

Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

7500 Series PA Tuning 2

Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Protection of first-aiders : 7500 Series PA Tuning 1

No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

7500 Series PA Tuning 2

No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are

SECTION 4: First aid measures

still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact	: 7500 Series PA Tuning 1	Causes serious eye damage.
	7500 Series PA Tuning 2	Causes serious eye damage.
Inhalation	: 7500 Series PA Tuning 1	No known significant effects or critical hazards.
	7500 Series PA Tuning 2	May cause respiratory irritation.
Skin contact	: 7500 Series PA Tuning 1	Causes severe burns.
	7500 Series PA Tuning 2	Causes severe burns.
Ingestion	: 7500 Series PA Tuning 1	Corrosive to the digestive tract. Causes burns.
	7500 Series PA Tuning 2	Corrosive to the digestive tract. Causes burns.

Over-exposure signs/symptoms

Eye contact	: 7500 Series PA Tuning 1	Adverse symptoms may include the following: pain watering redness
	7500 Series PA Tuning 2	Adverse symptoms may include the following: pain watering redness
Inhalation	: 7500 Series PA Tuning 1	No specific data.
	7500 Series PA Tuning 2	Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	: 7500 Series PA Tuning 1	Adverse symptoms may include the following: pain or irritation redness blistering may occur
	7500 Series PA Tuning 2	Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	: 7500 Series PA Tuning 1	Adverse symptoms may include the following: stomach pains
	7500 Series PA Tuning 2	Adverse symptoms may include the following: stomach pains

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	: 7500 Series PA Tuning 1	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	7500 Series PA Tuning 2	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: 7500 Series PA Tuning 1	No specific treatment.
	7500 Series PA Tuning 2	No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: 7500 Series PA Tuning 1	Use an extinguishing agent suitable for the surrounding fire.
	7500 Series PA Tuning 2	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: 7500 Series PA Tuning 1	None known.
	7500 Series PA Tuning 2	None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	: 7500 Series PA Tuning 1	In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
	7500 Series PA Tuning 2	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products	: 7500 Series PA Tuning 1	Decomposition products may include the following materials: nitrogen oxides
	7500 Series PA Tuning 2	Decomposition products may include the following materials: nitrogen oxides halogenated compounds

5.3 Advice for firefighters

Special precautions for fire-fighters	: 7500 Series PA Tuning 1	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	7500 Series PA Tuning 2	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: 7500 Series PA Tuning 1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
	7500 Series PA Tuning 2	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: 7500 Series PA Tuning 1	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	7500 Series PA Tuning 2	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

SECTION 6: Accidental release measures

For emergency responders	: 7500 Series PA Tuning 1	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	7500 Series PA Tuning 2	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	: 7500 Series PA Tuning 1	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
	7500 Series PA Tuning 2	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Methods and material for containment and cleaning up		
Methods for cleaning up	: 7500 Series PA Tuning 1	Stop leak if without risk. The spilled material may be neutralized with sodium carbonate, sodium bicarbonate or sodium hydroxide. Move containers from spill area. Absorb spillage to prevent material damage. Dispose of via a licensed waste disposal contractor.
	7500 Series PA Tuning 2	Stop leak if without risk. The spilled material may be neutralized with sodium carbonate, sodium bicarbonate or sodium hydroxide. Move containers from spill area. Absorb spillage to prevent material damage. Dispose of via a licensed waste disposal contractor.
6.4 Reference to other sections	: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.	

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures	: 7500 Series PA Tuning 1	Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from alkalis. Empty containers retain product residue and can be hazardous. Do not reuse container. Absorb spillage to prevent material damage.
	7500 Series PA Tuning 2	Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from alkalis. Empty containers retain product residue and can be hazardous. Do not reuse container. Absorb spillage to prevent material damage.

SECTION 7: Handling and storage

- Advice on general occupational hygiene** : 7500 Series PA Tuning 1 Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- 7500 Series PA Tuning 2 Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

- Storage** : 7500 Series PA Tuning 1 Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in corrosive resistant container with a resistant inner liner. Store locked up. Separate from alkalis. Keep away from metals. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
- 7500 Series PA Tuning 2 Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in corrosive resistant container with a resistant inner liner. Store locked up. Separate from alkalis. Keep away from metals. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Seveso Directive - Reporting thresholds

Danger criteria

Category	Notification and MAPP threshold	Safety report threshold
7500 Series PA Tuning 1 E2	200 tonne	500 tonne

7.3 Specific end use(s)

- Recommendations** : 7500 Series PA Tuning 1 Industrial applications, Professional applications.
7500 Series PA Tuning 2 Industrial applications, Professional applications.
- Industrial sector specific solutions** : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
7500 Series PA Tuning 1 nitric acid [C ≤ 70%] cadmium (non-pyrophoric)	NAOSH (Ireland, 5/2021). Notes: EU derived Occupational Exposure Limit Values OELV: 1 ppm 15 minutes. OELV: 2.6 mg/m ³ 15 minutes. NAOSH (Ireland, 5/2021). [cadmium and its inorganic compounds] Notes: EU derived Occupational Exposure Limit Values OELV: 0.001 mg/m ³ 8 hours. Form: Inhalable fraction
7500 Series PA Tuning 2 hydrochloric acid nitric acid [C ≤ 70%] hydrogen fluoride	NAOSH (Ireland, 5/2021). Notes: EU derived Occupational Exposure Limit Values OELV: 5 ppm 8 hours. OELV: 8 mg/m ³ 8 hours. OELV: 10 ppm 15 minutes. OELV: 15 mg/m ³ 15 minutes. NAOSH (Ireland, 5/2021). Notes: EU derived Occupational Exposure Limit Values OELV: 1 ppm 15 minutes. OELV: 2.6 mg/m ³ 15 minutes. NAOSH (Ireland, 5/2021). Absorbed through skin. Notes: EU derived Occupational Exposure Limit Values OELV: 1.8 ppm, (as F) 8 hours. OELV: 1.5 mg/m ³ , (as F) 8 hours. OELV: 3 ppm, (as F) 15 minutes. OELV: 2.5 mg/m ³ , (as F) 15 minutes.

Biological exposure indices

Product/ingredient name	Exposure indices
7500 Series PA Tuning 1 cadmium (non-pyrophoric)	NAOSH (Ireland, 1/2011) [Cadmium and its inorganic compounds] BMGV: 2 µg/g creatinine, Cd [in urine]. Sampling time: not critical.
7500 Series PA Tuning 2 hydrogen fluoride	NAOSH (Ireland, 1/2011) [Fluorine, Hydrogen Fluoride and Inorganic Fluorides (not uranium hexafluoride)] BMGV: 3 mg/l, fluoride [in urine]. Sampling time: end of shift - As soon as possible after exposure ceases. BMGV: 2 mg/l, fluoride [in urine]. Sampling time: prior to Shift - before shift commences and 16 hours after possible previous exposure ceases.

Recommended monitoring procedures

: Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

SECTION 8: Exposure controls/personal protection

Product/ingredient name	Type	Exposure	Value	Population	Effects
7500 Series PA Tuning 1 cadmium (non-pyrophoric)	DNEL	Long term Oral	1 µg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	4 µg/m ³	Workers	Local
7500 Series PA Tuning 2 hydrochloric acid	DNEL	Long term Inhalation	8 mg/m ³	General population	Local
	DNEL	Long term Inhalation	8 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	15 mg/m ³	General population	Local
hydrogen fluoride	DNEL	Short term Inhalation	15 mg/m ³	Workers	Local
	DNEL	Short term Oral	0.01 mg/kg bw/day	General population	Systemic
	DNEL	Long term Oral	0.01 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	0.03 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	0.03 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	0.2 mg/m ³	General population	Local
	DNEL	Short term Inhalation	1.25 mg/m ³	General population	Local
	DNEL	Long term Inhalation	1.5 mg/m ³	Workers	Local
	DNEL	Long term Inhalation	1.5 mg/m ³	Workers	Systemic
	DNEL	Short term Inhalation	2.5 mg/m ³	Workers	Local
DNEL	Short term Inhalation	2.5 mg/m ³	Workers	Systemic	

PNECs

No PNECs available

8.2 Exposure controls

Appropriate engineering controls : If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Skin protection

SECTION 8: Exposure controls/personal protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance

- Physical state** : 7500 Series PA Tuning 1 Liquid.
7500 Series PA Tuning 2 Liquid.
- Colour** : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.
- Odour** : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.
- Odour threshold** : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.
- Melting point/freezing point** : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.
- Initial boiling point and boiling range** : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.
- Flammability** : 7500 Series PA Tuning 1 Not applicable.
7500 Series PA Tuning 2 Not applicable.
- Upper/lower flammability or explosive limits** : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.
- Flash point** : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.
- pH** : 7500 Series PA Tuning 1 <2
7500 Series PA Tuning 2 <2
- Viscosity** : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.

SECTION 9: Physical and chemical properties

Solubility(ies)	Media	Result
	7500 Series PA Tuning 1 water	Soluble
	7500 Series PA Tuning 2 water	Soluble

Partition coefficient: n-octanol/water : 7500 Series PA Tuning 1 Not applicable.
7500 Series PA Tuning 2 Not applicable.

Vapour pressure	Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
		mm Hg	kPa	Method	mm Hg	kPa	Method
	7500 Series PA Tuning 1						
	nitric acid [C ≤ 70%]	48.0039	6.4	-	-	-	-
	water	17.5	2.3	-	92.258	12.3	-
	7500 Series PA Tuning 2						
	nitric acid [C ≤ 70%]	48.0039	6.4	-	-	-	-
	water	17.5	2.3	-	92.258	12.3	-

Evaporation rate : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.

Relative density : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.

Vapour density : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.

Explosive properties : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.

Oxidising properties : 7500 Series PA Tuning 1 Not available.
7500 Series PA Tuning 2 Not available.

Particle characteristics

Median particle size : 7500 Series PA Tuning 1 Not applicable.
7500 Series PA Tuning 2 Not applicable.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity : 7500 Series PA Tuning 1 No specific test data related to reactivity available for this product or its ingredients.
7500 Series PA Tuning 2 No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : 7500 Series PA Tuning 1 The product is stable.
7500 Series PA Tuning 2 The product is stable.

10.3 Possibility of hazardous reactions : 7500 Series PA Tuning 1 Under normal conditions of storage and use, hazardous reactions will not occur.
7500 Series PA Tuning 2 Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : 7500 Series PA Tuning 1 No specific data.
7500 Series PA Tuning 2 No specific data.

SECTION 10: Stability and reactivity

- 10.5 Incompatible materials** : 7500 Series PA Tuning 1 Attacks many metals producing extremely flammable hydrogen gas which can form explosive mixtures with air. Reactive or incompatible with the following materials:
alkalis
metals
- 7500 Series PA Tuning 2 Attacks many metals producing extremely flammable hydrogen gas which can form explosive mixtures with air. Reactive or incompatible with the following materials:
alkalis
metals
- 10.6 Hazardous decomposition products** : 7500 Series PA Tuning 1 Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- 7500 Series PA Tuning 2 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
7500 Series PA Tuning 1 nitric acid [C ≤ 70%] cadmium (non-pyrophoric)	LC50 Inhalation Vapour	Rat	2500 ppm	1 hours
	LC50 Inhalation Vapour	Rat	130 mg/m ³	4 hours
	LD50 Oral	Rat	225 mg/kg	-
7500 Series PA Tuning 2 hydrochloric acid nitric acid [C ≤ 70%] hydrogen fluoride	LC50 Inhalation Gas.	Rat	3124 ppm	1 hours
	LC50 Inhalation Vapour	Rat	2500 ppm	1 hours
	LC50 Inhalation Vapour	Rat	130 mg/m ³	4 hours
	LC50 Inhalation Gas.	Rat	638 ppm	4 hours

Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
7500 Series PA Tuning 1 7500 Series PA Tuning 1 nitric acid [C ≤ 70%] cadmium (non-pyrophoric)	N/A	N/A	N/A	53.0	32.2
	N/A	N/A	N/A	2.65	1.61125
	N/A	N/A	N/A	N/A	0.05
7500 Series PA Tuning 2 7500 Series PA Tuning 2 nitric acid [C ≤ 70%] hydrogen fluoride	5000	5000	N/A	173.2	161.1
	N/A	N/A	N/A	2.65	1.61125
	5	5	N/A	0.5	N/A

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
7500 Series PA Tuning 2 hydrogen fluoride	Skin - Severe irritant	Rat	-	3 minutes 50 %	-

Sensitiser

Conclusion/Summary : Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

SECTION 11: Toxicological information

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
7500 Series PA Tuning 2 hydrochloric acid	Category 3	-	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
7500 Series PA Tuning 1 cadmium (non-pyrophoric)	Category 1	-	-

Aspiration hazard

Not available.

Information on likely routes of exposure : 7500 Series PA Tuning 1 Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
7500 Series PA Tuning 2 Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

Potential acute health effects

Inhalation : 7500 Series PA Tuning 1 No known significant effects or critical hazards.
7500 Series PA Tuning 2 May cause respiratory irritation.

Ingestion : 7500 Series PA Tuning 1 Corrosive to the digestive tract. Causes burns.
7500 Series PA Tuning 2 Corrosive to the digestive tract. Causes burns.

Skin contact : 7500 Series PA Tuning 1 Causes severe burns.
7500 Series PA Tuning 2 Causes severe burns.

Eye contact : 7500 Series PA Tuning 1 Causes serious eye damage.
7500 Series PA Tuning 2 Causes serious eye damage.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation : 7500 Series PA Tuning 1 No specific data.
7500 Series PA Tuning 2 Adverse symptoms may include the following:
respiratory tract irritation
coughing

Ingestion : 7500 Series PA Tuning 1 Adverse symptoms may include the following:
stomach pains
7500 Series PA Tuning 2 Adverse symptoms may include the following:
stomach pains

Skin contact : 7500 Series PA Tuning 1 Adverse symptoms may include the following:
pain or irritation
redness
blistering may occur
7500 Series PA Tuning 2 Adverse symptoms may include the following:
pain or irritation
redness
blistering may occur

Eye contact : 7500 Series PA Tuning 1 Adverse symptoms may include the following:
pain
watering
redness
7500 Series PA Tuning 2 Adverse symptoms may include the following:
pain
watering
redness

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

SECTION 11: Toxicological information

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Conclusion/Summary : Not available.

General : 7500 Series PA Tuning 1 No known significant effects or critical hazards.
7500 Series PA Tuning 2 No known significant effects or critical hazards.

Carcinogenicity : 7500 Series PA Tuning 1 No known significant effects or critical hazards.
7500 Series PA Tuning 2 No known significant effects or critical hazards.

Mutagenicity : 7500 Series PA Tuning 1 No known significant effects or critical hazards.
7500 Series PA Tuning 2 No known significant effects or critical hazards.

Reproductive toxicity : 7500 Series PA Tuning 1 No known significant effects or critical hazards.
7500 Series PA Tuning 2 No known significant effects or critical hazards.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
7500 Series PA Tuning 1 nitric acid	Acute LC50 180000 µg/l Marine water	Crustaceans - Carcinus maenas - Adult	48 hours
	Acute LC50 72 ppm Fresh water	Fish - Gambusia affinis - Adult	96 hours
7500 Series PA Tuning 2 hydrochloric acid nitric acid	Acute LC50 240000 µg/l Marine water	Crustaceans - Carcinus maenas - Adult	48 hours
	Acute LC50 282 ppm Fresh water	Fish - Gambusia affinis - Adult	96 hours
	Acute LC50 180000 µg/l Marine water	Crustaceans - Carcinus maenas - Adult	48 hours
	Acute LC50 72 ppm Fresh water	Fish - Gambusia affinis - Adult	96 hours

12.2 Persistence and degradability

Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
7500 Series PA Tuning 1 nitric acid [C ≤ 70%]	-	-	Readily
7500 Series PA Tuning 2 nitric acid [C ≤ 70%]	-	-	Readily

12.3 Bioaccumulative potential

SECTION 12: Ecological information

Product/ingredient name	LogP _{ow}	BCF	Potential
7500 Series PA Tuning 1 nitric acid [C ≤ 70%]	-0.21	-	Low
7500 Series PA Tuning 2 nitric acid [C ≤ 70%]	-0.21	-	Low

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.




Hazardous waste : The classification of the product may meet the criteria for a hazardous waste.

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA
14.1 UN number or ID number	UN3264	UN3264	UN3264
14.2 UN proper shipping name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrochloric acid, nitric acid)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrochloric acid, nitric acid)	Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric acid, nitric acid)
14.3 Transport hazard class(es)	8 	8 	8 

SECTION 14: Transport information

14.4 Packing group	III	III	III
14.5 Environmental hazards	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.

Additional information

- ADR/RID** : The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.
Hazard identification number 80
Limited quantity 5 L
Special provisions 274
Tunnel code (E)
- IMDG** : The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.
Emergency schedules F-A, S-B
Special provisions 223, 274
- IATA** : The environmentally hazardous substance mark may appear if required by other transportation regulations.
Quantity limitation Passenger and Cargo Aircraft: 5 L. Packaging instructions: 852. Cargo Aircraft Only: 60 L. Packaging instructions: 856. Limited Quantities - Passenger Aircraft: 1 L. Packaging instructions: Y841.
Special provisions A3, A803
- 14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
- 14.7 Transport in bulk according to IMO instruments** : Not available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

Ingredient name	Intrinsic property	Status	Reference number	Date of revision
7500 Series PA Tuning 1 Cadmium Cadmium	Carcinogen Substance of equivalent concern for human health	Candidate Candidate	ED/69/2013 ED/69/2013	6/20/2013 6/20/2013

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Product / Ingredient name	Identifiers	Designation [Usage]
7500 Series PA Tuning 1 7500 Series PA Tuning 1 arsenic	- EC: 231-148-6 CAS: 7440-38-2 Index: 033-001-00-X	3 19 [Treated wood]
nickel powder	EC: 231-111-4 CAS: 7440-02-0 Index: 028-002-01-4	27

SECTION 15: Regulatory information

lead powder	EC: 231-100-4 CAS: 7439-92-1 Index: 082-013-00-1	72
7500 Series PA Tuning 2 7500 Series PA Tuning 2	-	3

Label : 7500 Series PA Tuning 1 Not applicable.
7500 Series PA Tuning 2 Not applicable.

Other EU regulations

Industrial emissions (integrated pollution prevention and control) - Air : Listed

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Persistent Organic Pollutants

Not listed.

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria

Category
7500 Series PA Tuning 1 E2

National regulations

Product/ingredient name	List name	Name on list	Classification	Notes
7500 Series PA Tuning 1 cadmium (non-pyrophoric)	Ireland Occupational Exposure Limits	cadmium and its inorganic compounds	Carc..1B	-

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia : Not determined.
Canada : Not determined.
China : Not determined.
Eurasian Economic Union : **Russian Federation inventory:** Not determined.

SECTION 15: Regulatory information

Japan	: Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: All components are listed or exempted.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: Not determined.
Viet Nam	: Not determined.

15.2 Chemical safety assessment : This product contains substances for which Chemical Safety Assessments might still be required.

SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

Abbreviations and acronyms	: ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number vPvB = Very Persistent and Very Bioaccumulative
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Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
7500 Series PA Tuning 1 Met. Corr. 1, H290 Skin Corr. 1, H314 Aquatic Chronic 2, H411	Expert judgment On basis of test data Calculation method
7500 Series PA Tuning 2 Met. Corr. 1, H290 Skin Corr. 1, H314 STOT SE 3, H335	Expert judgment On basis of test data Calculation method

Full text of abbreviated H statements

7500 Series PA Tuning 1 H272 H290 H314 H318 H330 H331 H341 H350 H361fd H372 H400 H410 H411 EUH071	May intensify fire; oxidiser. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Fatal if inhaled. Toxic if inhaled. Suspected of causing genetic defects. May cause cancer. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects. Corrosive to the respiratory tract.
7500 Series PA Tuning 2	

SECTION 16: Other information

H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H300	Fatal if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
EUH071	Corrosive to the respiratory tract.

[Full text of classifications \[CLP/GHS\]](#)

<p>7500 Series PA Tuning 1</p> <p>Acute Tox. 2 Acute Tox. 3 Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Carc. 1B Eye Dam. 1 Met. Corr. 1 Muta. 2 Ox. Liq. 3 Repr. 2 Skin Corr. 1 Skin Corr. 1A STOT RE 1</p> <p>7500 Series PA Tuning 2</p> <p>Acute Tox. 1 Acute Tox. 2 Acute Tox. 3 Eye Dam. 1 Met. Corr. 1 Ox. Liq. 3 Skin Corr. 1 Skin Corr. 1A Skin Corr. 1B STOT SE 3</p>	<p>ACUTE TOXICITY - Category 2 ACUTE TOXICITY - Category 3 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 CARCINOGENICITY - Category 1B SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 CORROSIVE TO METALS - Category 1 GERM CELL MUTAGENICITY - Category 2 OXIDISING LIQUIDS - Category 3 REPRODUCTIVE TOXICITY - Category 2 SKIN CORROSION/IRRITATION - Category 1 SKIN CORROSION/IRRITATION - Category 1A SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1</p> <p>ACUTE TOXICITY - Category 1 ACUTE TOXICITY - Category 2 ACUTE TOXICITY - Category 3 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 CORROSIVE TO METALS - Category 1 OXIDISING LIQUIDS - Category 3 SKIN CORROSION/IRRITATION - Category 1 SKIN CORROSION/IRRITATION - Category 1A SKIN CORROSION/IRRITATION - Category 1B SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3</p>
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