SAFETY DATA SHEET





FMOC Reagent

Section 1. Identification

1.1 Product identifier

Product name : MOC Reagent
Part no. : 5061-3337

Validation date : 12/26/2024

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

Identified uses : For research use only.

10 x 1 ml

Uses advised against: Not for use in diagnostic procedures.

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer: Agilent Technologies, Inc.

5301 Stevens Creek Blvd Santa Clara, CA 95051, USA

800-227-9770

1.4 Emergency telephone number

In case of emergency : CHEMTREC®: 1-800-424-9300

Section 2. Hazards identification

2.1 Classification of the substance or mixture

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard

(29 CFR 1910.1200).

Classification of the substance or mixture

F225FLAMMABLE LIQUIDS - Category 2H302ACUTE TOXICITY (oral) - Category 4H312ACUTE TOXICITY (dermal) - Category 4H332ACUTE TOXICITY (inhalation) - Category 4

H319 EYE IRRITATION - Category 2A

2.2 GHS label elements

Hazard pictograms





Signal word : Danger

H302 + H312 + H332 - Harmful if swallowed, in contact with skin or if inhaled.

H319 - Causes serious eye irritation.

Precautionary statements

Prevention : ₱280 - Wear protective gloves and protective clothing. Wear eye or face protection.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P241 - Use explosion-proof electrical, ventilating or lighting equipment.

P242 - Use non-sparking tools.

P243 - Take action to prevent static discharges.

P233 - Keep container tightly closed.

P261 - Avoid breathing vapor.

Date of issue: 12/26/2024 1/13

Section 2. Hazards identification

P270 - Do not eat, drink or smoke when using this product.

P264 - Wash thoroughly after handling.

P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell. Response

P302 + P312 - IF ON SKIN: Call a POISON CENTER or doctor if you feel unwell. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.

: P403 + P235 - Store in a well-ventilated place. Keep cool. Storage

Disposal : P501 - Dispose of contents and container in accordance with all local, regional, national

and international regulations.

2.3 Other hazards

Hazards not otherwise

classified

Inhalation

: None known.

Section 3. Composition/information on ingredients

Substance/mixture Mixture

Ingredient name	%	Identifiers
Cetonitrile	≥90	CAS: 75-05-8

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

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

Section 4. First aid measures

4.1 Description of necessary first aid measures

Eye contact

: 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. Get medical attention. : 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. Get medical attention if adverse health effects persist or are severe. If necessary, call a poison center or physician. 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 : Wash with plenty of 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. Get medical attention if adverse health effects

persist or are severe. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse. Ingestion

: 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. Get medical attention. If necessary, call a poison center or 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

Date of issue: 12/26/2024 2/13

Section 4. First aid measures

or waistband.

4.2 Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact: Causes serious eye irritation.

Inhalation : Harmful if inhaled.

Skin contact: Harmful in contact with skin.

Ingestion : Harmful if swallowed.

Over-exposure signs/symptoms

Eye contact: Adverse symptoms may include the following:

pain or irritation watering

redness

Inhalation: No specific data.Skin contact: No specific data.Ingestion: No specific data.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : 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: No specific treatment.

Protection of first-aiders : 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.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing

media

Unsuitable extinguishing

media

: Use dry chemical, CO₂, water spray (fog) or foam.

: Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Specific hazards arising from the chemical

decomposition products

: Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

Hazardous thermal : Decomposition

: Decomposition products may include the following materials:

carbon dioxide carbon monoxide nitrogen oxides cyanides

5.3 Advice for firefighters

Special protective actions for fire-fighters

: 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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Date of issue: 12/26/2024 3/13

Section 5. Fire-fighting measures

Special protective equipment for fire-fighters

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: 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 spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders

If specialized 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

: Avoid dispersal of spilled 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 materials for containment and cleaning up

Methods for cleaning up

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures

: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene

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

: Store between the following temperatures: 2 to 8°C (35.6 to 46.4°F). Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

Date of issue: 12/26/2024 4/13



Section 7. Handling and storage

Recommendations

: Industrial applications, Professional applications.

Industrial sector specific

: Not available.

solutions

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
**Cetonitrile	NIOSH REL (United States, 10/2020) TWA 10 hours: 20 ppm. TWA 10 hours: 34 mg/m³. CAL OSHA PEL (United States, 5/2018) Absorbed through skin. STEL 15 minutes: 105 mg/m³. STEL 15 minutes: 60 ppm. TWA 8 hours: 70 mg/m³. TWA 8 hours: 40 ppm. OSHA PEL (United States, 5/2018) TWA 8 hours: 70 mg/m³. OSHA PEL 1989 (United States, 3/1989) TWA 8 hours: 70 mg/m³. STEL 15 minutes: 60 ppm. TWA 8 hours: 70 mg/m³. STEL 15 minutes: 105 mg/m³. STEL 15 minutes: 105 mg/m³. ACGIH TLV (United States, 1/2024) A4. Absorbed through skin. TWA 8 hours: 20 ppm.

Biological exposure indices

No exposure indices known.

8.2 Exposure controls

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

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.

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.

Skin protection

Date of issue: 12/26/2024 5/13

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. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

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.

Section 9. Physical and chemical properties and safety characteristics

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

Appearance

Physical state : Liquid. [Clear.] Color : Colorless.

Odor : Ethereal. [Slight]

: 70 ppm **Odor threshold**

pН : Not available. Melting point/freezing point : -45°C (-49°F) **Boiling point or initial** : 81.6°C (178.9°F)

boiling point and boiling

range

: Closed cup: 2°C (35.6°F) Flash point **Evaporation rate** : 5.79 (butyl acetate = 1)

Flammability : Not applicable. Lower and upper explosion limit/flammability limit

: Lower: 4.4% Upper: 16%

Vapor pressure

	Vapor Pressure at 20°C		Vapor pressure at 50°C		ire at 50°C	
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
Acetonitrile	70.88853	9.5	-	-	ı	-

Relative vapor density : Not available.

Relative density : 0.78

Density : 0.78 g/cm³ [20°C (68°F)]

Solubility(ies)

: Media Result Soluble water

Miscible with water

Partition coefficient: n-

octanol/water

: Not applicable.

Date of issue: 12/26/2024 6/13 MOC Reagent

Section 9. Physical and chemical properties and safety characteristics

Auto-ignition temperature : 524°C (975.2°F) **Decomposition temperature** : Not available.

Viscosity : Dynamic (room temperature): Not available.

Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): Not available.

Particle characteristics

Median particle size : Not applicable.

Section 10. Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

10.3 Possibility of hazardous reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld,

braze, solder, drill, grind or expose containers to heat or sources of ignition.

10.5 Incompatible materials : Reactive or incompatible with the following materials:

oxidizing materials

Reactive or incompatible with the following materials: reducing materials, acids and

alkalis.

10.6 Hazardous

decomposition products n

: 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

Acetonitrile Rat - Oral - LD50 2460 mg/kg

Rat - Inhalation - LC50 Vapor 17100 ppm [4 hours]

Conclusion/Summary

[Product]

: Not available.

Skin corrosion/irritation

Conclusion/Summary

[Product]

: Not available.

Serious eye damage/eye irritation

Conclusion/Summary

: Not available.

[Product]

Respiratory corrosion/irritation

Conclusion/Summary: May cause respiratory irritation.

[Product]

Ingredient name Conclusion/Summary

Acetonitrile May cause respiratory irritation.

Respiratory or skin sensitization

Skin

Date of issue: 12/26/2024 **7/13**

Section 11. Toxicological information

Conclusion/Summary

[Product]

: Not available.

Respiratory

Conclusion/Summary

: Not available.

[Product]

Germ cell mutagenicity

Conclusion/Summary

: Not available.

[Product]

Carcinogenicity Not available.

Conclusion/Summary

: Not available.

[Product]

Reproductive toxicity

Conclusion/Summary

: Not available.

[Product]

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely

routes of exposure

: Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

Potential acute health effects

Eye contact : Causes serious eye irritation.

Inhalation : Harmful if inhaled.

: Harmful in contact with skin. Skin contact

Ingestion : Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:

> pain or irritation watering redness

: No specific data. Inhalation **Skin contact** : No specific data. Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate

: Not available.

effects

Potential delayed effects

: Not available.

Long term exposure

Potential immediate

: Not available.

effects

Date of issue: 12/26/2024 8/13

Section 11. Toxicological information

Potential delayed effects : Not available.

Potential chronic health effects

Conclusion/Summary

[Product]

: Not available.

General
 Mo known significant effects or critical hazards.
 Carcinogenicity
 No known significant effects or critical hazards.
 Mutagenicity
 No known significant effects or critical hazards.
 Reproductive toxicity
 No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	(3	Dermal (mg/kg)	Inhalation (gases) (ppm)	(vapors)	Inhalation (dusts and mists) (mg/ I)
MOC Reagent Acetonitrile	502.5	1105.5	N/A	11.1	N/A
	500	1100	N/A	11	N/A

Other information

: Adverse symptoms may include the following: May cause headache, weakness, dizziness, shortness of breath, cyanosis, rapid heart beat, unconsciousness and possible death.

Section 12. Ecological information

12.1 Toxicity

Product/ingredient name

Acetonitrile

 Acute - LC50 - Fresh water
 3600 mg/l [48 hours]

 Acute - IC50 - Fresh water
 3685 mg/l [96 hours]

 Chronic - NOEC - Fresh water
 160 mg/l [21 days]

 Chronic - NOEC - Fresh water
 1000 mg/l [96 hours]

 Acute - LC50 - Fresh water
 1000 mg/l [96 hours]

Conclusion/Summary

[Product]

: Not available.

Result

Result

12.2 Persistence and degradability

Product/ingredient name

Acetonitrile OECD [Ready

OECD [Ready 70% [21 days] - Readily

Biodegradability - CO₂ in Sealed Vessels

(Headspace Test)]

Conclusion/Summary

[Product]

: Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Acetonitrile	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Acetonitrile	-0.34	3	Low

Date of issue: 12/26/2024 9/13

Section 12. Ecological information

12.4 Mobility in soil

Soil/Water partition coefficient

: Not available.

12.5 Other adverse effects

: No known significant effects or critical hazards.

Section 13. Disposal considerations

13.1 Waste treatment methods

Disposal methods

: The generation of waste should be avoided or minimized 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 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. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

RCRA Toxic hazardous waste "U" List

Ingredient	CAS#		Reference number
Cetonitrile (I,T)	75-05-8	Listed	U003

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14. Transport information

DOT / TDG / Mexico / IMDG / : Not regulated.

IATA

Additional information

Remarks: De minimis quantities

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.

Transport in bulk according: Not available.

to IMO instruments

Date of issue: 12/26/2024 10/13

Section 15. Regulatory information

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

: Clean Water Act (CWA) 307: Acetonitrile **U.S. Federal regulations**

TSCA 12(b) - Chemical export notification

Not applicable.

Clean Air Act Section 112 : Listed

(b) Hazardous Air **Pollutants (HAPs)**

Clean Air Act Section 602

Class I Substances

: Not listed

Clean Air Act Section 602

Class II Substances

: Not listed : Not listed

DEA List I Chemicals (Precursor Chemicals)

DEA List II Chemicals

: Not listed

(Essential Chemicals)

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : FLAMMABLE LIQUIDS - Category 2

> ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 ACUTE TOXICITY (inhalation) - Category 4

EYE IRRITATION - Category 2A

Composition/information on ingredients

Name	%	Classification
Acetonitrile		FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 EYE IRRITATION - Category 2A

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	Acetonitrile	75-05-8	≥90
Supplier notification	Acetonitrile	75-05-8	≥90

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts : The following components are listed: ACETONITRILE **New York** : The following components are listed: Acetonitrile **New Jersey** : The following components are listed: ACETONITRILE **Pennsylvania** : The following components are listed: ACETONITRILE

California Prop. 65

This product does not require a Safe Harbor warning under California Prop. 65.

Date of issue: 12/26/2024 11/13

Section 15. Regulatory information

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

Republic of Korea

United States

Australia : All components are listed or exempted.

Canada : All components are listed or exempted.

China : All components are listed or exempted.

Japan : Japan inventory (CSCL): Not determined.

Japan inventory (ISHL): Not determined.

New Zealand : All components are listed or exempted.

Philippines : All components are listed or exempted.

Taiwan : All components are listed or exempted.
Thailand : Not determined.
Turkey : Not determined.

Viet Nam : All components are listed or exempted.

: Not determined.

Section 16. Other information

Procedure used to derive the classification

Classification	Justification
► AMMABLE LIQUIDS - Category 2	On basis of test data
ACUTE TOXICITY (oral) - Category 4	Calculation method
ACUTE TOXICITY (dermal) - Category 4	Calculation method
ACUTE TOXICITY (inhalation) - Category 4	Calculation method
EYE IRRITATION - Category 2A	Calculation method

: All components are listed or exempted.

History

Date of issue/Date of

revision

: 12/26/2024

Date of previous issue : 01/31/2022

Version : 10

Key to abbreviations : ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973

Date of issue: 12/26/2024 12/13



Section 16. Other information

as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available UN = United Nations

▼ Indicates information that has changed from previously issued version.

Notice to reader

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Date of issue: 12/26/2024 13/13