Conforms to Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals

SAFETY DATA SHEET

Products Containing Dako Antibody Diluent (Ab)

Section 1. Identification

Product identifier : Products Containing Dako Antibody Diluent (Ab)

Part no. : GA085, GA086, GA087, GA500, GA503, GA504, GA505, GA506, GA507, GA508, GA509, GA510, GA511, GA512, GA513, GA515, GA519, GA521, GA523, GA524, GA527, GA602, GA604, GA605, GA607, GA609, GA610, GA611, GA613, GA615, GA616, GA618, GA619, GA621, GA622, GA623, GA624, GA625, GA626, GA629, GA630, GA632, GA636, GA637, GA641, GA642, GA643, GA644, GA647, GA648, GA650, GA651, GA652, GA656, GA659, GA660, GA662, GA701, GA702, GA751, GA752, GA777, GA780, GA781, GA784, GA785, GA786, GA787, GE020, GE085, GE086, GE087, GE102, IR500, IR503, IR504, IR505, IR506, IR507, IR508, IR509, IR510, IR511, IR512, IR513, IR515, IR517, IR519, IR521, IR523, IR524, IR527, IR602, IR604, IR606, IR607, IR608, IR609, IR610, IR611, IR612, IR613, IR614, IR615, IR616, IR618, IR619, IR620, IR621, IR622, IR623, IR624, IR625, IR626, IR627, IR628, IR629, IR630, IR632, IR633, IR636, IR637, IR640, IR641, IR642, IR643, IR644, IR647, IR648, IR649, IR650, IR651, IR652, IR653, IR656, IR657, IR658, IR659, IR660, IR661, IR662, IR700, IR701, IR702, IR751, IR752, IR753, IR777, IR779, IR780, IR781, IR786

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

Identified uses : Laboratory use
Container type: Bottle
GA085 // FLEX Monoclonal Mouse Anti-Human MSH2, Clone FE11, Ready-to-Use (Dako Omnis) // 12 ml
GA086 // FLEX Monoclonal Rabbit Anti-Human MSH6, Clone EP49, Ready-to-Use (Dako Omnis) // 12 ml
GA087 // FLEX Monoclonal Rabbit Anti-Human PMS2, Clone EP51, Ready-to-Use (Dako Omnis) // 12 ml
GA500 // FLEX Polyclonal Rabbit Anti-Human Alpha-1-Fetoprotein, RTU (Dako Omnis) // 12 ml
GA503 // FLEX Polyclonal Rabbit Anti-Human CD3, RTU (Dako Omnis) // 12 ml
GA504 // FLEX Polyclonal Rabbit Anti-S100, RTU (Dako Omnis) // 12 ml
GA505 // FLEX Polyclonal Rabbit Anti-Human Alpha-1-Antitrypsin, RTU (Dako Omnis) // 12 ml
GA506 // FLEX Polyclonal Rabbit Anti-Human Kappa Light Chains, RTU (Dako Omnis) // 12 ml
GA507 // FLEX Polyclonal Rabbit Anti-Human Lambda Light Chains, RTU (Dako Omnis) // 12 ml
GA508 // FLEX Polyclonal Rabbit Anti-Human Chorionic Gonadotropin, RTU (Dako Omnis) // 12 ml
GA509 // FLEX Polyclonal Rabbit Anti-Human Thyroglobulin, RTU (Dako Omnis) // 12 ml
GA510 // FLEX Polyclonal Rabbit Anti-Human IgA, RTU (Dako Omnis) // 12 ml
GA511 // FLEX Polyclonal Rabbit Anti-Human Myeloperoxidase, RTU (Dako Omnis) // 12 ml
GA512 // FLEX Polyclonal Rabbit Anti-Human IgG, RTU (Dako Omnis) // 12 ml
GA513 // FLEX Polyclonal Rabbit Anti-Human IgM, RTU (Dako Omnis) // 12 ml
GA515 // FLEX Polyclonal Rabbit Anti-Human Calcitonin, RTU (Dako Omnis) // 12 ml
GA519 // FLEX Polyclonal Rabbit Anti-Human Gastrin, RTU (Dako Omnis) // 12 ml
GA521 // FLEX Polyclonal Rabbit Anti-Herpes Simplex Virus Type 1, RTU (Dako Omnis) // 12 ml
GA523 // FLEX Polyclonal Rabbit Anti-Helicobacter Pylori, RTU (Dako Omnis) // 12 ml
GA524 // FLEX Polyclonal Rabbit Anti-Glial Fibrillary Acidic Protein, RTU (Dako Omnis) // 12 ml
GA527 // FLEX Polyclonal Rabbit Anti-Human Von Willebrand Factor, RTU (Dako Omnis) // 12 ml
GA602 // FLEX Monoclonal Mouse Anti-Human CD30, Clone Ber-H2, RTU (Dako

Section 1. Identification

Omnis) // 12 ml
GA604 // FLEX Monoclonal Mouse Anti-Human CD20cy, Clone L26, RTU (Dako Omnis) // 12 ml
GA605 // FLEX Monoclonal Mouse Anti-Human Amyloid A, Clone mc1, RTU (Dako Omnis) // 12 ml
GA607 // FLEX Monoclonal Mouse Anti-Human Neurofilament Protein, Clone 2F11, RTU (Dako Omnis) // 12 ml
GA609 // FLEX Monoclonal Mouse Anti-Human CD68, Clone KP1, RTU (Dako Omnis) // 12 ml
GA610 // FLEX Monoclonal Mouse Anti-Human CD31, Endothelial Cell, Clone JC70A, RTU (Dako Omnis) // 12 ml
GA611 // FLEX Monoclonal Mouse Anti-Human Smooth Muscle Actin, Clone 1A4, RTU (Dako Omnis) // 12 ml
GA613 // FLEX Monoclonal Mouse Anti-Human CD68, Clone PG-M1, RTU (Dako Omnis) // 12 ml
GA615 // FLEX Monoclonal Mouse Anti-Human Cytokeratin 19, Clone RCK108, RTU (Dako Omnis) // 12 ml
GA616 // FLEX Monoclonal Mouse Anti-Human p53 Protein, Clone DO-7, RTU (Dako Omnis) // 12 ml
GA618 // FLEX Monoclonal Mouse Anti-Human Cytokeratin 18, Clone DC 10, RTU (Dako Omnis) // 12 ml
GA619 // FLEX Monoclonal Mouse Anti-Human Cytokeratin 7, Clone OV-TL 12/30, RTU (Dako Omnis) // 12 ml
GA621 // FLEX Monoclonal Mouse Anti-Human CD79α, Clone JCB117, RTU (Dako Omnis) // 12 ml
GA622 // FLEX Monoclonal Mouse Anti-Human Carcinoembryonic Antigen, Clone II-7, RTU (Dako Omnis) // 12 ml
GA623 // FLEX Monoclonal Mouse Anti-Human CD8, Clone C8/144B, RTU (Dako Omnis) // 12 ml
GA624 // FLEX Monoclonal Mouse Anti-Human Hepatocyte, Clone OCH1E5, RTU (Dako Omnis) // 12 ml
GA625 // FLEX Monoclonal Mouse Anti-Human BCL6 Protein, Clone PG-B6p, RTU (Dako Omnis) // 12 ml
GA626 // FLEX Monoclonal Mouse Anti-Human Ki-67 Antigen, Clone MIB-1, RTU (Dako Omnis) // 12 ml
GA629 // FLEX Monoclonal Mouse Anti-Human Epithelial Membrane Antigen, Clone E29, RTU (Dako Omnis) // 12 ml
GA630 // FLEX Monoclonal Mouse Anti-Vimentin, Clone V9, RTU (Dako Omnis) // 12 ml
GA632 // FLEX Monoclonal Mouse Anti-Human CD34 Class II, Clone QBEnd 10, RTU (Dako Omnis) // 12 ml
GA636 // FLEX Monoclonal Mouse Anti-Human CD43, Clone DF-T1, RTU (Dako Omnis) // 12 ml
GA637 // FLEX Monoclonal Mouse Anti-Human Epithelial Antigen, Clone Ber-EP4, RTU (Dako Omnis) // 12 ml
GA641 // FLEX Monoclonal Mouse Anti-Human CD246, ALK Protein, Clone ALK1, RTU (Dako Omnis) // 12 ml
GA642 // FLEX Monoclonal Mouse Anti-Human CD138, Clone MI15, RTU (Dako Omnis) // 12 ml
GA643 // FLEX Monoclonal Mouse Anti-Human CD7, Clone CBC.37, RTU (Dako Omnis) // 12 ml
GA644 // FLEX Monoclonal Mouse Anti-Human MUM1 Protein, Clone MUM1p, RTU (Dako Omnis) // 12 ml
GA647 // FLEX Monoclonal Mouse Anti-Human CD57, Clone TB01, RTU (Dako Omnis) // 12 ml
GA648 // FLEX Monoclonal Mouse Anti-Human CD10, Clone 56C6, RTU (Dako Omnis) // 12 ml
GA650 // FLEX Monoclonal Mouse Anti-Human B-Cell-Specific Activator Protein, Clone DAK-Pax5, RTU (Dako Omnis) // 12 ml
GA651 // FLEX Monoclonal Mouse Anti-Human CD2, Clone AB75, RTU (Dako Omnis) // 12 ml
GA652 // FLEX Monoclonal Mouse Anti-Human Nucleophosmin, Clone 376, RTU (Dako Omnis) // 12 ml

Section 1. Identification

GA656 // FLEX Monoclonal Mouse Anti-Human CD19, Clone LE-CD19, RTU (Dako Omnis) // 12 ml
GA659 // FLEX Monoclonal Rabbit Anti-Human ERG, Clone EP111, RTU (Dako Omnis) // 12 ml
GA660 // FLEX Monoclonal Mouse Anti-Human Synaptophysin, Clone DAK-SYNAP, RTU (Dako Omnis) // 12 ml
GA662 // FLEX Monoclonal Mouse Anti-Human p63 Protein, Clone DAK-p63, RTU (Dako Omnis) // 12 ml
GA701 // FLEX Monoclonal Mouse Anti-Human CA 125, Clone M11, RTU (Dako Omnis) // 12 ml
GA702 // FLEX Monoclonal Mouse Anti-Human Beta-Catenin, Clone ß-Catenin-1, RTU (Dako Omnis) // 12 ml
GA751 // FLEX Monoclonal Mouse Anti-Human CD45, Leucocyte Common Antigen, Clones 2B11 + PD7/26, RTU (Dako Omnis) // 12 ml
GA752 // FLEX Monoclonal Mouse Anti-Cytomegalovirus, Clones CCH2 + DDG9, RTU (Dako Omnis) // 12 ml
GA777 // FLEX Monoclonal Mouse Anti-Human Cytokeratin 20, Clone Ks20.8, RTU (Dako Omnis) // 12 ml
GA780 // FLEX Monoclonal Mouse Anti-Human Cytokeratin 5/6, Clone D5/16 B4, RTU (Dako Omnis) // 12 ml
GA781 // FLEX Monoclonal Mouse Anti-Human CD23, Clone DAK-CD23, RTU (Dako Omnis) // 12 ml
GA784 // FLEX Monoclonal Rabbit Anti-Human p40, Clone DAK-p40, RTU (Dako Omnis) // 12 ml
GA785 // FLEX Monoclonal Mouse Anti-Human EML4-ALK Protein, Clone OTIJ1A4, RTU (Dako Omnis) // 12 ml
GA786 // FLEX Monoclonal Mouse Anti-Human CD10, Clone DAK-CD10, RTU (Dako Omnis) // 12 ml
GA787 // FLEX Monoclonal Rabbit Anti-Human BRAF V600E, Clone DAK-BRAF V600E, Ready-to-Use (Dako Omnis) // 12 ml
GE020 // Monoclonal Mouse Anti-Human Ki-67, Clone MIB-1 (Dako Omnis) // Ki-67 IHC pharmDx // 12 mL
GE020 // Negative Control Reagent (Dako Omnis) // Ki-67 IHC pharmDx // 12 mL
GE085 // MSH2 IHC pharmDx (Dako Omnis) // 12mL
GE086 // MSH6 IHC pharmDx (Dako Omnis) // 12 mL
GE087 // PMS2 IHC pharmDx (Dako Omnis) // 12 mL
GE102 // MMR Negative Control Reagent, Rabbit (Dako Omnis) // 12 mL
IR500 // FLEX Polyclonal Rabbit Anti-Human Alpha-1-Fetoprotein, RTU (Link) // 12 ml
IR503 // FLEX Polyclonal Rabbit Anti-Human CD3, RTU (Link) // 12 ml
IR504 // FLEX Polyclonal Rabbit Anti-S100, RTU (Link) // 12 ml
IR505 // FLEX Polyclonal Rabbit Anti-Human Alpha-1-Antitrypsin, RTU (Link) // 12 ml
IR506 // FLEX Polyclonal Rabbit Anti-Human Kappa Light Chains, RTU (Link) // 12 ml
IR507 // FLEX Polyclonal Rabbit Anti-Human Lambda Light Chains, RTU (Link) // 12 ml
IR508 // FLEX Polyclonal Rabbit Anti-Human Chorionic Gonadotropin, RTU (Link) // 12 ml
IR509 // FLEX Polyclonal Rabbit Anti-Human Thyroglobulin, RTU (Link) // 12 ml
IR510 // /FLEX Polyclonal Rabbit Anti-Human IgA, RTU (Link) // 12 ml
IR511 // /FLEX Polyclonal Rabbit Anti-Human Myeloperoxidase, RTU (Link) // 12 ml
IR512 // /FLEX Polyclonal Rabbit Anti-Human IgG, RTU (Link) // 12 ml
IR513 // /FLEX Polyclonal Rabbit Anti-Human IgM, RTU (Link) // 12 ml
IR515 // /FLEX Polyclonal Rabbit Anti-Human Calcitonin, RTU (Link) // 12 ml
IR517 // /FLEX Polyclonal Rabbit Anti-Human IgD, RTU (Link) // 12 ml
IR519 // /FLEX Polyclonal Rabbit Anti-Human Gastrin, RTU (Link) // 12 ml
IR521 // /FLEX Polyclonal Rabbit Anti-Herpes Simplex Virus Type 1, RTU (Link) // 12 ml
IR523 // /FLEX Polyclonal Rabbit Anti-Helicobacter Pylori, RTU (Link) // 12 ml
IR524 // /FLEX Polyclonal Rabbit Anti-Glial Fibrillary Acidic Protein, RTU (Link) // 12 ml
IR527 // /FLEX Polyclonal Rabbit Anti-Human Von Willebrand Factor, RTU (Link) // 12 ml

Section 1. Identification

IR602 // /FLEX Monoclonal Mouse Anti-Human CD30, Clone Ber-H2, RTU (Link) // 12 ml
IR604 // /FLEX Monoclonal Mouse Anti-Human CD20cy, Clone L26, RTU (Link) // 12 ml
IR606 // /FLEX Monoclonal Mouse Anti-Human Desmin, Clone D33, RTU (Link) // 12 ml
IR607 // /FLEX Monoclonal Mouse Anti-Human Neurofilament Protein, Clone 2F11, RTU (Link) // 12 ml
IR608 // /FLEX Monoclonal Mouse Anti-Human CD21, Clone 1F8, RTU (Link) // 12 ml
IR609 // /FLEX Monoclonal Mouse Anti-Human CD68, Clone KP1, RTU (Link) // 12 ml
IR610 // /FLEX Monoclonal Mouse Anti-Human CD31, Endothelial Cell, Clone JC70A, RTU (Link) // 12 ml
IR611 // /FLEX Monoclonal Mouse Anti-Human Smooth Muscle Actin, Clone 1A4, RTU (Link) // 12 ml
IR612 // /FLEX Monoclonal Mouse Anti-Human Neuron-Specific Enolase, Clone BBS/NC/VI-H14, RTU (Link) // 12 ml
IR613 // /FLEX Monoclonal Mouse Anti-Human CD68, Clone PG-M1, RTU (Link) // 12 ml
IR614 // /FLEX Monoclonal Mouse Anti-Human BCL2 Oncoprotein, Clone 124, RTU (Link) // 12 ml
IR615 // /FLEX Monoclonal Mouse Anti-Human Cytokeratin 19, Clone RCK108, RTU (Link) // 12 ml
IR616 // /FLEX Monoclonal Mouse Anti-Human p53 Protein, Clone DO-7, RTU (Link) // 12 ml
IR618 // /FLEX Monoclonal Mouse Anti-Human Cytokeratin 18, Clone DC 10, RTU (Link) // 12 ml
IR619 // /FLEX Monoclonal Mouse Anti-Human Cytokeratin 7, Clone OV-TL 12/30, RTU (Link) // 12 ml
IR620 // /FLEX Monoclonal Mouse Anti-Cytokeratin 17, Clone E3, RTU (Link) // 12 ml
IR621 // /FLEX Monoclonal Mouse Anti-Human CD79¿, Clone JCB117, RTU (Link) // 12 ml
IR622 // /FLEX Monoclonal Mouse Anti-Human Carcinoembryonic Antigen, Clone II-7, RTU (Link) // 12 ml
IR623 // /FLEX Monoclonal Mouse Anti-Human CD8, Clone C8/144B, RTU (Link) // 12 ml
IR624 // /FLEX Monoclonal Mouse Anti-Human Hepatocyte, Clone OCH1E5, RTU (Link) // 12 ml
IR625 // /FLEX Monoclonal Mouse Anti-Human BCL6 Protein, Clone PG-B6p, RTU (Link) // 12 ml
IR626 // /FLEX Monoclonal Mouse Anti-Human Ki-67 Antigen, Clone MIB-1, RTU (Link) // 12 ml
IR627 // /FLEX Monoclonal Mouse Anti-Human Calretinin, Clone DAK-Calret 1, RTU (Link) // 12 ml
IR628 // /FLEX Monoclonal Mouse Anti-Human CD56, Clone 123C3, RTU (Link) // 12 ml
IR629 // /FLEX Monoclonal Mouse Anti-Human Epithelial Membrane Antigen, Clone E29, RTU (Link) // 12 ml
IR630 // /FLEX Monoclonal Mouse Anti-Vimentin, Clone V9, RTU (Link) // 12 ml
IR632 // /FLEX Monoclonal Mouse Anti-Human CD34 Class II, Clone QBEnd 10, RTU (Link) // 12 ml
IR633 // /FLEX Monoclonal Mouse Anti-Human Melan-A, Clone A103, RTU (Link) // 12 ml
IR636 // /FLEX Monoclonal Mouse Anti-Human CD43, Clone DF-T1, RTU (Link) // 12 ml
IR637 // /FLEX Monoclonal Mouse Anti-Human Epithelial Antigen, Clone Ber-EP4, RTU (Link) // 12 ml
IR640 // /FLEX Monoclonal Mouse Anti-Human Mast Cell Tryptase, Clone AA1, RTU (Link) // 12 ml
IR641 // /FLEX Monoclonal Mouse Anti-Human CD246, ALK Protein, Clone ALK1, RTU (Link) // 12 ml

Section 1. Identification

IR642 // /FLEX Monoclonal Mouse Anti-Human CD138, Clone MI15, RTU (Link) // 12 ml
IR643 // /FLEX Monoclonal Mouse Anti-Human CD7, Clone CBC.37, RTU (Link) // 12 ml
IR644 // /FLEX Monoclonal Mouse Anti-Human MUM1 Protein, Clone MUM1p, RTU (Link) // 12 ml
IR647 // /FLEX Monoclonal Mouse Anti-Human CD57, Clone TB01, RTU (Link) // 12 ml
IR648 // /FLEX Monoclonal Mouse Anti-Human CD10, Clone 56C6, RTU (Link) // 12 ml
IR649 // /FLEX Monoclonal Mouse Anti-Human CD4, Clone 4B12, RTU (Link) // 12 ml
IR650 // /FLEX Monoclonal Mouse Anti-Human B-Cell-Specific Activator Protein, Clone DAK-Pax5, RTU (Link) // 12 ml
IR651 // /FLEX Monoclonal Mouse Anti-Human CD2, Clone AB75, RTU (Link) // 12 ml
IR652 // /FLEX Monoclonal Mouse Anti-Human Nucleophosmin, Clone 376, RTU (Link) // 12 ml
IR653 // /FLEX Monoclonal Mouse Anti-Human ZAP-70, Clone 2F3.2, RTU (Link) // 12 ml
IR656 // /FLEX Monoclonal Mouse Anti-Human CD19, Clone LE-CD19, RTU (Link) // 12 ml
IR657 // /FLEX Monoclonal Mouse Anti-Human Estrogen Receptor ¿, Clone 1D5, RTU (Link) // 12 ml
IR658 // /FLEX Monoclonal Mouse Anti-Human MUC2, Clone CCP58, RTU (Link) // 12 ml
IR659 // /FLEX Monoclonal Rabbit Anti-Human ERG, Clone EP111, RTU (Link) // 12 ml
IR660 // FLEX Monoclonal Mouse Anti-Human Synaptophysin, Clone DAK-SYNAP, RTU (Link) // 12 ml
IR661 // FLEX Monoclonal Mouse Anti-Human MUC5AC, Clone CLH2, RTU (Link) // 12 ml
IR662 // FLEX Monoclonal Mouse Anti-Human p63 Protein, Clone DAK-p63, RTU (Link) // 12 ml
IR700 // FLEX Monoclonal Mouse Anti-Human Muscle Actin, Clone HHF35, RTU (Link) // 12 ml
IR701 // FLEX Monoclonal Mouse Anti-Human CA 125, Clone M11, RTU (Link) // 12 ml
IR702 // FLEX Monoclonal Mouse Anti-Human Beta-Catenin, Clone ß-Catenin-1, RTU (Link) // 12 ml
IR751 // FLEX Monoclonal Mouse Anti-Human CD45, Leucocyte Common Antigen, Clones 2B11 + PD7/26, RTU (Link) // 12 ml
IR752 // FLEX Monoclonal Mouse Anti-Cytomegalovirus, Clones CCH2 + DDG9, RTU (Link) // 12 ml
IR753 // FLEX Monoclonal Mouse Anti-Epstein-Barr Virus, LMP, Clones CS.1-4, RTU (Link) // 12 ml
IR777 // FLEX Monoclonal Mouse Anti-Human Cytokeratin 20, Clone Ks20.8, RTU (Link) // 12 ml
IR779 // FLEX Monoclonal Mouse Anti-Human Placental Alkaline Phosphatase, Clone 8A9, RTU (Link) // 12 ml
IR780 // FLEX Monoclonal Mouse Anti-Human Cytokeratin 5/6, Clone D5/16 B4, RTU (Link) // 12 ml
IR781 // FLEX Monoclonal Mouse Anti-Human CD23, Clone DAK-CD23 (Link) // 12 ml
IR786 // FLEX Monoclonal Mouse Anti-Human CD10, Clone DAK-CD10, RTU (Link) // 12 ml
Reference number: SDS400

Section 1. Identification

Supplier/Manufacturer : Agilent Technologies, Inc.
5301 Stevens Creek Blvd
Santa Clara, CA 95051, USA
Tel: +1 800 227 9770

Agilent Technologies Singapore (International) Pte Ltd.
No. 1 Yishun Avenue 7
Singapore, 768923
Tel. (65) 6276 2622

Agilent Technologies Australia Pty Ltd
679 Springvale Road
Mulgrave VIC 3170
Free Call: 1800 802 402

www.Agilent.com

e-mail address of person responsible for this SDS : SDS@Agilent.com

Emergency telephone number (with hours of operation) : CHEMTREC®: +(61)-290372994

Section 2. Hazard(s) identification

Classification of the substance or mixture

Not classified.

Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 1%

GHS label elements

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

Precautionary statements

Prevention : Not applicable.

Response : Not applicable.

Storage : Not applicable.

Disposal : Not applicable.

Supplemental label elements

Additional warning phrases : Not applicable.

Other hazards which do not result in classification : None known.

Section 3. Composition and ingredient information

Substance/mixture : Mixture

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

The total concentration of ingredients in this product, reported or not in this section, is 100%.

Section 4. First aid measures

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. Get medical attention if irritation occurs.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. 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 : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : No specific data.

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : No specific data.

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.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
sulfur oxides

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.

Section 5. Firefighting 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

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 spilt material. Put on appropriate personal protective equipment.

For emergency responders : 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".

Environmental precautions : 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).

Methods and material for containment and cleaning up

Methods for cleaning up : Stop leak if without risk. Move containers from spill area. 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

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8).

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.

Conditions for safe storage, including any incompatibilities : Specific storage conditions: Please consult the label.
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. 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.

Section 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits

None.

Biological exposure indices

No exposure indices known.

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

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 8. Exposure controls and personal protection

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: safety glasses with side-shields.

Skin 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.

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.

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.]

Colour : Colourless.

Odour : Odourless.

Odour threshold : Not available.

pH : 7.6

Melting point/freezing point : 0°C (32°F)

Boiling point or initial boiling point and boiling range : 100°C (212°F)

Flash point : Not available.

Evaporation rate : Not available.

Flammability : Not applicable.

Lower and upper explosion limit/flammability limit : Not available.

Vapour pressure :

Ingredient name	Vapour Pressure at 20˚C			Vapour pressure at 50˚C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
water	17.5	2.3	-	92.258	12.3	-

Relative vapour density : Not available.

Relative density : Not available.

Section 9. Physical and chemical properties and safety characteristics

Solubility(ies) :

Media	Result
water	Soluble

Miscible with water : Yes.

Partition coefficient: n-octanol/water : Not applicable.

Auto-ignition temperature : Not available.

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

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

Chemical stability : The product is stable.

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

Conditions to avoid : No specific data.

Incompatible materials : May react or be incompatible with oxidising materials.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Conclusion/Summary [Product] : Not available.

Skin corrosion/irritation

Conclusion/Summary [Product] : Not available.

Serious eye damage/eye irritation

Conclusion/Summary [Product] : Not available.

Respiratory corrosion/irritation

Conclusion/Summary [Product] : Not available.

Respiratory or skin sensitization

Skin

Conclusion/Summary [Product] : Not available.

Section 11. Toxicological information

Respiratory

Conclusion/Summary [Product] : Not available.

Germ cell mutagenicity

Conclusion/Summary [Product] : Not available.

Carcinogenicity

Conclusion/Summary [Product] : Not available.

Reproductive toxicity

Conclusion/Summary [Product] : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure : Not available.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No specific data.

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : No specific data.

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

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Section 11. Toxicological information

Potential chronic health effects

Conclusion/Summary [Product] : Not available.

General : No 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

N/A

Section 12. Ecological information

Toxicity

Conclusion/Summary [Product] : Not available.

Persistence and degradability

Conclusion/Summary [Product] : Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : 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. 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. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

ADG / IMDG / IATA : Not regulated as Dangerous Goods according to the ADG Code .

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 to IMO instruments : Not available.

Section 15. Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons

Not regulated.

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

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.

New Zealand : Not determined.

United States : All components are active or exempted.

Section 16. Any other relevant information

History

Date of issue/Date of revision : 28/04/2025

Date of previous issue : 01/04/2025

Version : 9.2

Key to abbreviations : ADG = Australian Dangerous Goods
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
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 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
N/A = Not available
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
SGG = Segregation Group
SUSMP = Standard Uniform Schedule of Medicine and Poisons
UN = United Nations

Procedure used to derive the classification

Classification
Not classified.

Indicates information that has changed from previously issued version.

Notice to reader

Section 16. Any other relevant information

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