



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
US OSHA HCS 2024

Issuing Date 24-Jan-1989

Revision date 23-Apr-2026

Revision Number 10

1. Identification

Product identifier

Product Name NITROGEN DIOXIDE, LIQUID

Other means of identification

Synonyms MTG MSDS 68; NITROGEN DIOXIDE LIQUID; NITROGEN OXIDE (NO₂); NITRITE RADICAL; NITRITO;NITRO; NITROGEN DIOXIDE; NITROGEN DIOXIDE (NO₂); NITROGEN PEROXIDE; DINITROGEN TETRAOXIDE; UN 1067; NO₂

Other information Classification determined in accordance with Compressed Gas Association standards.

Recommended use of the chemical and restrictions on use

Recommended use Industrial and Specialty Gas Applications

Restrictions on use None known

Details of the supplier of the safety data sheet

Manufacturer Address

Nippon Sanso Matheson, Inc.
909 Lake Carolyn Parkway
Suite 1100
Irving, TX 75039
General Information: 1-800-416-2505

Emergency telephone number

Emergency telephone CHEMTREC: +1-703-527-3887 (INTERNATIONAL)
1-800-424-9300 (NORTH AMERICA)

2. Hazard(s) identification

Classification of the substance or mixture

Oxidizing gases	Category 1
Gases under pressure	Liquefied gas
Simple asphyxiants	Yes
Acute toxicity - Inhalation (Gases)	Category 1
Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1

Hazards not otherwise classified (HNOC)

Not applicable.

Label elements

Danger

**Hazard statements**

May cause or intensify fire; oxidizer.
Contains gas under pressure; may explode if heated.
Fatal if inhaled.

Causes severe skin burns and eye damage.
Corrosive to the respiratory tract.
May displace oxygen and cause rapid suffocation.

Precautionary Statements - Prevention

Do not breathe dust.
Use only outdoors or in a well-ventilated area.
Wear respiratory protection.
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves, protective clothing, eye protection and face protection.
Keep/Store away from clothing/ combustible materials.
Keep reduction valves/valves and fittings free from oil and grease.

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor.
Specific treatment is urgent (see supplemental first aid instructions on this label).
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Immediately call a POISON CENTER or doctor.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
In case of fire: Stop leak if safe to do so.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Protect from sunlight.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

Hazards classified under paragraph (d)(1)(ii) of 1910.1200

No information available.

Other information

May cause frostbite upon sudden release of liquefied gas.

3. Composition/information on ingredients**Substance**

Chemical Family Inorganic liquid

Formula NO₂

Chemical name	CAS No.	Weight-%	Trade secret
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Nitrogen Dioxide, Liquid	10102-44-0	100	-
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4. First-aid measures

Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur. Get immediate medical attention.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If frostbite or freezing occur, immediately flush with plenty of lukewarm water (105-115°F; 41-46°C). If warm water is not available, gently wrap affected parts in blankets. In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Get immediate medical attention.
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms	Frostbite. Suffocation. Burning sensation. Redness. May cause redness and tearing of the eyes.
Effects of Exposure	None known.

Indication of any immediate medical attention and special treatment needed

Note to physicians	For inhalation, consider oxygen. Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure.
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5. Fire-fighting measures

Suitable Extinguishing Media	Water.
Unsuitable extinguishing media	Do not use dry chemical, carbon dioxide, or halogenated extinguishing agents. Do not direct water at source of leak or safety devices; icing may occur. DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.
Specific hazards arising from the chemical	Negligible fire hazard. Oxidizer. Vapors are heavier than air and may spread along floors. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated. Ruptured cylinders may rocket. The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can

lead to release of irritating gases and vapors.

Explosion data

Sensitivity to mechanical impact Yes.

Sensitivity to static discharge None.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment. Oxidizer. Stay away from the ends of tanks. For fires in cargo or storage area: Cool containers with water from unmanned hose holder or monitor nozzles until well after fire is out. If this is impossible then take the following precautions: Keep unnecessary people away, isolate hazard area and deny entry. Let the fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. Use water spray to reduce vapors or divert vapor cloud drift. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures**Personal precautions**

Wear personal protective clothing and equipment, see Section 8. Contents under pressure. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Other information

Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up**Methods for containment**

Avoid contact with combustible materials. Ventilate the area. Do not direct water at source of leak or safety devices; icing may occur. Do not touch or walk through spilled material. Isolate area until gas has dispersed. Prevent product from entering drains. Use water spray to reduce vapors or divert vapor cloud drift. Suppress vapors with water spray. Dike far ahead of spill to collect runoff water. Soil Release: Trap spilled material at bottom in deep water pockets, excavated holding areas or within sandbag barriers.

Methods for cleaning up

Pick up and transfer to properly labeled containers. Dike far ahead of liquid spill for later disposal. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Take up mechanically, placing in appropriate containers for disposal. Water Release: Add an alkaline material (lime, crushed limestone, sodium bicarbonate, or soda ash).

Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for safe handling**Advice on safe handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Contents under pressure. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Subject to handling

regulations: U.S. OSHA 29 CFR 1910.119.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing must not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Protect from moisture. Store locked up. Store away from other materials. Keep away from Incompatible materials. Subject to storage regulations: U.S. OSHA 29 CFR 1910.101. NFPA 430 Code for the Storage of Liquid and Solid Oxidizing Materials.

8. Exposure controls/personal protection**Control Parameters****Exposure Limits**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Nitrogen Dioxide, Liquid 10102-44-0	TWA: 0.2 ppm	(vacated) STEL: 1 ppm (vacated) STEL: 1.8 mg/m ³ Ceiling: 5 ppm Ceiling: 9 mg/m ³	STEL: 1 ppm STEL: 1.8 mg/m ³ IDLH: 13 ppm

Appropriate engineering controls**Engineering controls**

Provide local exhaust ventilation. Ensure compliance with applicable exposure limits.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Tight sealing safety goggles. Face protection shield. Contact lenses should not be worn. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Hand protection

For the gas: Impervious gloves. For the liquid: Chemical resistant gloves. Wear insulated gloves.

Skin and body protection

For the gas: Wear suitable protective clothing. For the liquid: Wear appropriate protective, cold insulating clothing.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use. Any chemical cartridge respirator with organic vapor cartridge(s). Any chemical cartridge respirator with a full facepiece and organic vapor cartridge(s). Any air-purifying respirator with a full facepiece and an organic vapor canister. For Unknown Concentrations or Immediately Dangerous to Life or Health -. Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode. Any self-contained breathing apparatus that has a full facepiece and is operated in a

pressure-demand or other positive-pressure mode.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Yellow or Brown Liquefied gas
Physical state	Gas
Color	Yellow or Brown
Odor (includes odor threshold)	Pungent, Irritating
Odor threshold	5 ppm

Property	Values	Remarks • Method
Melting point / freezing point	-11 °C / 12 °F	
Boiling point (or initial boiling point or boiling range)	21 °C / 70 °F	
Flammability		Non-flammable gas
Flammability Limit in Air		
Upper flammability or explosive limits		No data available
Lower flammability or explosive limits		No data available
Flash point		No data available
Autoignition temperature		No data available
Decomposition temperature		No data available
SADT (°C)		No data available
pH		No data available
pH (as aqueous solution)		No data available
Kinematic viscosity		No data available
Dynamic viscosity	0.42 cP	
Solubility	Soluble in: Concentrated sulfuric acid, Nitric acid, Carbon disulfide, Chloroform, Alkali	
Water solubility	Decomposes	
Partition coefficient n-octanol/water (log value)		No data available
Vapor pressure (includes evaporation rate)	400 mmHg	@ 80 °C
Evaporation rate		No data available
Density and/or relative density	1.449	Water = 1
Bulk density		No data available
Liquid Density		No data available
Relative vapor density	1.58	(air = 1)
Particle characteristics		
Particle Size		No data available
Particle Size Distribution		No data available
Other information		
Molecular formula	NO ₂	
Molecular weight	46.01	
VOC content	No information available	
Softening point	No information available	

Information with regard to physical hazard classes

Explosives		
Explosive properties	No information available	
Oxidizing properties		
Oxidizing properties	No information available	
Sensitivity to mechanical impact	Yes	

10. Stability and reactivity

Reactivity	Oxidizer. May be corrosive to metals.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	May intensify fire; oxidizer.
Conditions to avoid	Excessive heat. Exposure to air or moisture over prolonged periods. Keep away from combustible materials.
Incompatible materials	Combustible material, Metals, Bases, Metal oxides, Reducing agent, Metal carbide, Halocarbons, Halogens, Oxidizing materials, Metal salts, Amines, Acids, Fluorine, Ammonia.

Hazardous decomposition products Nitrogen oxides (NOx).

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation	Corrosive by inhalation. Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be fatal. Fatal if inhaled. Suffocation. Fatigue. Nausea. Stomach pain. Bluish skin color. Unconsciousness. Death. Lung congestion. Lung damage.
Eye contact	Causes serious eye damage. May cause irreversible damage to eyes. Contact with product may cause frostbite. Blurred vision.
Skin contact	Corrosive. Causes burns. Contact with product may cause frostbite.
Ingestion	Causes burns. May cause lung damage if swallowed. May be fatal if swallowed and enters airways. Can burn mouth, throat, and stomach. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Stomach pain.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Frostbite. Suffocation. Burning sensation. Redness. May cause redness and tearing of the eyes.
Acute toxicity	Fatal if inhaled.

Numerical measures of toxicity

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Nitrogen Dioxide, Liquid 10102-44-0	-	-	= 88 ppm (Rat) 4 h

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

Skin corrosion/irritation	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation	Causes serious eye damage.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Based on available data, the classification criteria are not met.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Nitrogen Dioxide, Liquid 10102-44-0	A4 - Not classifiable as a human carcinogen	-	-	-

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Other adverse effects No information available.

Interactive effects No information available.

12. Ecological information

Ecotoxicity The environmental impact of this product has not been fully investigated.

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Mobility in soil No information available.

Other adverse effects No information available.

13. Disposal considerations

Disposal methods

Waste from residues/unused products Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

Contaminated packaging Do not reuse empty containers.

US EPA Waste Number P078

14. Transport information**DOT**

Proper shipping name	DINITROGEN TETROXIDE
Transport hazard class(es)	2.3
Subsidiary hazard class	5.1, 8
Reportable quantity (lbs)	Nitrogen Dioxide, Liquid: RQ (lb)= 10
Reportable quantity (lbs) (calculated)	Nitrogen Dioxide, Liquid: RQ (lb)= 10
Reportable quantity (kg)	(Nitrogen Dioxide, Liquid: RQ (kg)= 4.54)
Reportable quantity (kg) (calculated)	Nitrogen Dioxide, Liquid: RQ (kg)= 5
Special Provisions	1, B7, B14, B45, B46, B61, B66, B67, B77, T50, TP21
DOT Marine Pollutant	NP
Description	UN1067, DINITROGEN TETROXIDE, 2.3 (5.1, 8)

IATA

	Forbidden for transport.
UN number or ID number	UN1067
UN proper shipping name	Dinitrogen tetroxide
Transport hazard class(es)	2.3
Subsidiary hazard class	5.1, 8
Special Provisions	A2
ERG Code	2PX
Description	Forbidden

IMDG

UN number or ID number	UN1067
UN proper shipping name	DINITROGEN TETROXIDE
Transport hazard class(es)	2.3
Subsidiary hazard class	5.1, 8 F-C S-W
Description	UN1067, DINITROGEN TETROXIDE, 2.3 (5.1, 8)

15. Regulatory information**International Inventories**

Contact supplier for inventory compliance status

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CAA (Clean Air Act)

This product does not contain any substances regulated as pollutants pursuant to Clean Air Act (CAA).

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Nitrogen Dioxide, Liquid 10102-44-0	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

16. Other information

NFPA	Health hazards 1	Flammability 0	Instability 0	Special hazards OX
HMIS	Health hazards 1	Flammability 0	Physical hazards 3	Personal protection -

Key or legend to abbreviations and acronyms used in the safety data sheet

List may include phrases which are not applicable to this product

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Europe)
ADR	Agreement concerning the International Carriage of Dangerous Goods by Road (Europe)
AIC	Australian Inventory of Industrial Chemicals
ATE	Acute Toxicity Estimate
ASTM	American Society for the Testing of Materials
bar	Biological Reference Values for Chemical Compounds in the Work Area
BAT	Biological tolerance values for occupational exposure
BEL	Biological exposure limits
bw	Body weight
Ceiling	Maximum limit value
CMR	Carcinogen, Mutagen or Reproductive Toxicant
DOT	Department of Transportation (United States)
DSL	Domestic Substances List (Canada)
EmS	Emergency Schedule
ENCS	Existing and New Chemical Substances (Japan)
EPA	U.S. Environmental Protection Agency
GHS	Globally Harmonized System

HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO	International Civil Aviation Organization
IECSC	Inventory of Existing Chemical Substances in China
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Organization for Standardization
KECI	Korean Existing Chemicals Inventory
LC50	Lethal Concentration to 50% of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
MARPOL	International Convention for the Prevention of Pollution from Ships
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
n.o.s.	Not Otherwise Specified
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
NOELR	No Observable Effect Loading Rate
NTP	National Toxicology Program (United States)
NZIoC	New Zealand Inventory of Chemicals
OECD	Organization for Economic Cooperation and Development
OEL	Occupational exposure limits
OSHA	Occupational Safety and Health Administration of the US Department of Labor
PBT	Persistent, Bioaccumulative and Toxic substance
PICCS	Philippines Inventory of Chemicals and Chemical Substances
PMT	Persistent, Mobile and Toxic
PPE	Personal protective equipment
QSAR	Quantitative Structure Activity Relationship
RID	Agreement concerning the International Carriage of Dangerous Goods by Rail (Europe)
SADT	Self-Accelerating Decomposition Temperature
SAR	Structure-activity relationship
SARA	Superfund Amendments and Reauthorization Act
SDS	Safety Data Sheet
SL	Surface Limit
STEL	Short Term Exposure Limit
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
TCSI	Taiwan Chemical Substance Inventory
TDG	Transport of Dangerous Goods (Canada)
TSCA	Toxic Substances Control Act (United States)
TWA	Time-Weighted Average
UN	United Nations
VOC	Volatile organic compounds
vPvB	Very Persistent and Very Bioaccumulative
vPvM	Very Persistent and Very Mobile
As	Allergenic substance
DS	Dermal Sensitizer
Ot	Ototoxicant
pOt	Ototoxicant - potential to cause hearing disorders
PS	Photosensitizer
RS	Respiratory Sensitizer
S	Sensitizer
poS	Sensitizer - capable of causing occupational asthma

Sa	Simple asphyxiant
Sd	Skin designation
pSd	Skin designation - potential for cutaneous absorption
Sdv	Skin designation - vacated
Sk	Skin notation
dSk	Skin notation - danger of cutaneous absorption
pSk	Skin notation - potential for cutaneous absorption

Key literature references and sources for data used to compile the SDS

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
U.S. Environmental Protection Agency
U.S. EPA Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications
International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set
United Nations World Health Organization (WHO)

Issuing Date 24-Jan-1989

Revision date 23-Apr-2026

Revision Note Change in classification. Company logo. Company Name. Company contact information.
Updated format. GHS Revision 7.

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End of Safety Data Sheet