

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision date 24-Oct-2021

Revision Number 1

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

1.1. Product identifier

Product Name STAR
Product Code(s) TP.1013.H.1 ___ISR
Pure substance/mixture Mixture

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

Recommended use Herbicide; For professional users only
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

Tapazol Chemical Works Ltd.
1st HaSolela st.
West. Ind. Zone
Beit Shemesh, Israel 9905415
Tel: +972-2-992-6040
Fax: +972-2-9926050
For further information, please contact sds@tapazol.co.il

1.4. Emergency telephone number

Emergency Telephone +972 4 777 1900

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aspiration hazard	Category 1 - (H304)
Serious eye damage/eye irritation	Category 2 - (H319)
Carcinogenicity	Category 2 - (H351)
Reproductive toxicity	Category 2 - (H361)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
Acute aquatic toxicity	Category 1 - (H400)
Chronic aquatic toxicity	Category 1 - (H410)

2.2. Label elements

Contains Solvent Naphtha (Petroleum), Heavy Aromatic, 4-Nonylphenol, branched, ethoxylated, 2-ethylhexan-1-ol



Signal word
Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways
 H319 - Causes serious eye irritation
 H336 - May cause drowsiness or dizziness
 H351 - Suspected of causing cancer
 H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child
 H410 - Very toxic to aquatic life with long lasting effects
 EUH401 - To avoid risks to human health and the environment, comply with the instructions for use

Precautionary Statements - EU (§28, 1272/2008)

P102 - Keep out of reach of children
 P201 - Obtain special instructions before use
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray
 P264 - Wash face, hands and any exposed skin thoroughly after handling
 P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P308 + P313 - IF exposed or concerned: Get medical advice/attention
 P331 - Do NOT induce vomiting
 P405 - Store locked up
 P501 - Dispose of contents/ container to an approved waste disposal plant

Additional information

SP1 - Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

This product requires tactile warnings if supplied to the general public.

This product requires child resistant fastenings if supplied to the general public.

2.3. Other hazards

Endocrine Disruptor Information

Chemical name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances
4-Nonylphenol, branched, ethoxylated	Group III Chemical	-
Naphthalene	Group III Chemical	-

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Oxadiazon (ISO)	243-215-7	19666-30-9	22-28	Aquatic Acute 1 (H400) M=100 Aquatic Chronic 1

				(H410) M=1000
Solvent Naphtha (Petroleum), Heavy Aromatic	265-198-5	64742-94-5	60-68	Asp. Tox. 1 (H304) STOT SE 3 (H336) Aquatic Chronic 2 (H411)
4-Nonylphenol, branched, ethoxylated	-	127087-87-0	6-10	Acute Tox. 4 (H302) Acute Tox. 4 (H332) Eye Dam. 1 (H318) Aquatic Chronic 2 (H411)
Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt	932-231-6	1335202-81-7	1-3	Skin irrit. 2 (H315) Eye dam.1 (H318) Aquatic Chronic 3 (H412)
2-ethylhexan-1-ol	203-234-3	104-76-7	0.5-2	Skin irrit. 2 (H315) Eye Irrit.2 (H319) Acute Tox.4 (H332) STOT SE(H335)
Naphthalene	202-049-5	91-20-3	0.4-0.8	Acute Tox. 4 (H302) Carc. 2 (H351) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)

Full text of H- and EUH-phrases: see section 16

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical name	CAS No	SVHC candidates
4-Nonylphenol, branched, ethoxylated	127087-87-0	X

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
Inhalation	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. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical advice/attention. Delayed pulmonary edema may occur.
Eye contact	Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion	ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.
Self-protection of the first aider	Do not breathe vapor or mist. 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. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure that medical personnel are

aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms Burning sensation. Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Prolonged contact may cause redness and irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Small Fire Dry chemical, CO₂, water spray or regular foam.
Large Fire Water spray, fog or regular foam
 Dike fire-control water for later disposal
 Move containers from fire area if you can do it without risk

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Do not breathe vapor or mist. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes or clothing. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment as required.

Other information Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Should not be released into the environment. Do not allow to enter into soil/subsoil. Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Do not breathe vapor or mist. Handle product only in closed system or provide appropriate exhaust ventilation. Take off contaminated clothing and wash before reuse. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations

Do not breathe vapor or mist. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing should 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. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Store away from other materials.

7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union	Austria	Belgium	Netherlands	Bulgaria
2-ethylhexan-1-ol 104-76-7	-	TWA: 1 ppm TWA: 5.4 mg/m ³ STEL 2 ppm STEL 10.8 mg/m ³	TWA: 1 ppm TWA: 5.4 mg/m ³ *	TWA: 5.4 mg/m ³	TWA: 5.4 mg/m ³ TWA: 1 ppm
Naphthalene 91-20-3	TWA: 10 ppm TWA: 50 mg/m ³	TWA: 10 ppm TWA: 50 mg/m ³ H*	TWA: 10 ppm TWA: 53 mg/m ³ STEL: 15 ppm STEL: 80 mg/m ³ *	TWA: 50 mg/m ³ STEL: 80 mg/m ³ H*	STEL: 75.0 mg/m ³ TWA: 50.0 mg/m ³
Chemical name	Denmark	Germany	France	United Kingdom	Spain
2-ethylhexan-1-ol 104-76-7	TWA: 1 ppm TWA: 5.4 mg/m ³ H*	TWA: 10 ppm TWA: 54 mg/m ³	TWA: 50 ppm TWA: 270 mg/m ³	TWA: 1 ppm TWA: 5.4 mg/m ³ STEL: 3 ppm STEL: 16.2 mg/m ³	TWA: 1 ppm TWA: 1.54 mg/m ³ vía dérmica*
Naphthalene 91-20-3	TWA: 10 ppm TWA: 50 mg/m ³	TWA: 0.4 ppm TWA: 2 mg/m ³ H*	TWA: 10 ppm TWA: 50 mg/m ³	-	TWA: 10 ppm TWA: 53 mg/m ³ STEL: 15 ppm STEL: 80 mg/m ³ vía dérmica*

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Chemical name	Denmark	Finland	France	Germany	Germany MAK
Naphthalene 91-20-3	-	-	-	35 µg/L - BAR (end of exposure or end of shift) urine 35 µg/L - BAR (for long-term exposures: at the end of the shift after several shifts) urine	-
Chemical name	Hungary	Ireland	Italy	Italy REL	
Naphthalene 91-20-3	-	4 µmol/mol Creatinine (urine - 1-Hydroxypyrene post shift)	-	- () - end of shift	
Chemical name	Latvia	Luxembourg	Romania	Slovakia	
Naphthalene 91-20-3	-	-	-	5.66 µg/L - urine (1-Hydroxypyrene) - end of exposure or work shift	

8.2. Exposure controls

Personal protective equipment

Eye/face protection Tight sealing safety goggles.

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General hygiene considerations Do not breathe vapor or mist. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing should 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. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid
Color light yellow

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	-	
pH (as aqueous solution)		
Melting point / freezing point		
Boiling point / boiling range		
Flash point	65 °C	
Evaporation rate	No data available.	
Flammability (solid, gas)	No data available.	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available.	

Lower flammability or explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1.0 - 1.1
Water solubility	No data available.
Solubility(ies)	No data available.
Partition coefficient	No data available.
Autoignition temperature	No data available.
Decomposition temperature	
Kinematic viscosity	No data available.
Dynamic viscosity	No data available.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Excessive heat.

10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Oral LD50 > 2500 mg/kg bw/day Based on available data, the classification criteria are not met.
Dermal LD50 > 4000 mg/kg bw/day Based on available data, the classification criteria are not met.
Inhalation LC50 No data available. Based on calculation method, the classification criteria are not met.

Skin corrosion/irritation Non-irritating to the skin. Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Eye Irrit. 2 - H319. Classification based on test data.

Respiratory or skin sensitization Skin Sens. 1 - H317. Classification based on test data.

Germ cell mutagenicity Not classified. (Based on available data, the classification criteria are not met).

Chemical name	European Union
Oxadiazon (ISO)	Not classified

Naphthalene	Not classified
Carcinogenicity	Not classified. (Based on available data, the classification criteria are not met).
Chemical name	European Union
Oxadiazon (ISO)	Not classified
Naphthalene	Carc. 2 (H351)

Reproductive toxicity Not classified. (Based on available data, the classification criteria are not met).

Chemical name	European Union
Oxadiazon (ISO)	Not classified
Naphthalene	Not classified

STOT - single exposure Cat 3 (H336) - May cause drowsiness or dizziness. [Solvent Naphtha (Petroleum), Heavy Aromatic, Naphthalene depleted].

STOT - repeated exposure Not classified. (Based on available data, the classification criteria are not met).

Aspiration hazard H304 - May be fatal if swallowed and enters airways. [Solvent Naphtha (Petroleum), Heavy Aromatic, Naphthalene depleted].

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity H400 - Classification based on calculation method.
H410 - Classification based on calculation method.
Classification based on calculation method.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Oxadiazon (ISO)	Acute toxicity: EbC50 = 0.00318 mg/l; Chronic toxicity: NOEC = NA	Acute toxicity: EC50 = 1.2 mg/l; Chronic toxicity: NOEC = 0.00088 mg/l	-	Acute toxicity: EC50 = 2.4 mg/l; Chronic toxicity: NOEC = 0.03 mg/l

12.2. Persistence and degradability

Persistence and degradability Oxadiazon is not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulation Low risk for bioaccumulation [Oxadiazon].

Bioconcentration factor (BCF) 243

Component Information

Chemical name	Partition coefficient
Oxadiazon (ISO)	logPow value is 5.33
Solvent Naphtha (Petroleum), Heavy Aromatic	2.9 - 6.1
2-ethylhexan-1-ol	3.1
Naphthalene	3.6

12.4. Mobility in soil

Mobility in soil DT50 = 187 – 1238 d.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment .

Chemical name	PBT and vPvB assessment
Oxadiazon (ISO)	The substance is not PBT / vPvB

Solvent Naphtha (Petroleum), Heavy Aromatic	The substance is not PBT / vPvB
4-Nonylphenol, branched, ethoxylated	The substance is not PBT / vPvB
Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt	The substance is not PBT / vPvB
2-ethylhexan-1-ol	The substance is not PBT / vPvB
Naphthalene	The substance is not PBT / vPvB

12.6. Other adverse effects

Endocrine Disruptor Information

Chemical name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances
4-Nonylphenol, branched, ethoxylated	Group III Chemical	-
Naphthalene	Group III Chemical	-

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information

IMDG

14.1 UN number 3082
 14.2 UN proper shipping name Environmentally hazardous substance, liquid, n.o.s. [Oxadiazon (ISO)]
 14.3 Transport hazard class(es) 9
 14.4 Packing group III
 14.5 Marine pollutant Yes
 Environmental hazards Yes
 14.6 Special precautions for user
 Special Provisions None
 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

RID

14.1 UN number 3082
 14.2 UN proper shipping name Environmentally hazardous substance, liquid, n.o.s. [Oxadiazon (ISO)]
 14.3 Transport hazard class(es) 9
 14.4 Packing group III
 14.5 Environmental hazards Yes
 14.6 Special precautions for user
 Special Provisions None

ADR

14.1 UN number 3082
 14.2 UN proper shipping name Environmentally hazardous substance, liquid, n.o.s. [Oxadiazon (ISO)]
 14.3 Transport hazard class(es) 9
 14.4 Packing group III
 14.5 Environmental hazards Yes
 14.6 Special precautions for user
 Special Provisions None

IATA

14.1 UN number 3082
 14.2 UN proper shipping name Environmentally hazardous substance, liquid, n.o.s. [Oxadiazon (ISO)]
 14.3 Transport hazard class(es) 9
 14.4 Packing group III

14.5 Environmental hazards	Yes
14.6 Special precautions for user Special Provisions	None

SECTION 15: Regulatory information

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

National regulations

France

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number	Title
Solvent Naphtha (Petroleum), Heavy Aromatic 64742-94-5	RG 84	-

Germany

Water hazard class (WGK) Obviously hazardous to water (WGK 2)

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product contains one or more substance(s) subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
4-Nonylphenol, branched, ethoxylated - 127087-87-0		X

Persistent Organic Pollutants

Not applicable

Export Notification requirements

This product contains substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals

Chemical name	European Export/Import Restrictions per (EC) 689/2008 - Annex Number
4-Nonylphenol, branched, ethoxylated - 127087-87-0	I.1 I.2

Dangerous substance category per Seveso Directive (2012/18/EU)

H1 - ACUTE TOXIC

E1 - Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status
DSL/NDSL	Contact supplier for inventory compliance status
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AICS	Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

SECTION 16: Other information

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

Full text of H-Statements referred to under section 3

H302 - Harmful if swallowed
 H304 - May be fatal if swallowed and enters airways
 H315 - Causes skin irritation
 H318 - Causes serious eye damage
 H319 - Causes serious eye irritation
 H332 - Harmful if inhaled
 H335 - May cause respiratory irritation
 H336 - May cause drowsiness or dizziness
 H351 - Suspected of causing cancer
 H400 - Very toxic to aquatic life
 H410 - Very toxic to aquatic life with long lasting effects
 H411 - Toxic to aquatic life with long lasting effects
 H412 - Harmful to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Classification procedure

H304 - Classification based on calculation method
 H319 - Classification based on test data
 H336 - Classification based on calculation method
 H351 - Classification based on Plant Protection authority opinion in Israel
 H361 - Classification based on Plant Protection authority opinion in Israel
 H400 - Classification based on calculation method
 H410 - Classification based on calculation method

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

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 EPA (Environmental Protection Agency)
 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)
 National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Revision date 24-Oct-2021

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet