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 19-Jul-2022 Revision Number 1

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

1.1. Product identifier

Product Name CYPAZOL 20

Product Code(s) TP.8006.T.1__ISR

Chemical name Cypermethrin 200 EC

Pure substance/mixture Mixture

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

Recommended use Insecticide: For professional users only

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

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

National Institute for Information on Poisoning Rambam Health Care Campus, Haifa, Israel

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

| 110gaia.ioi. (20) 110 12/2/2000 | |
|--|-------------------------------|
| Aspiration hazard | Category 1 - (H304) |
| Acute toxicity - Oral | Category 4 - (H302) |
| Serious eye damage/eye irritation | Category 1 - (H318) |
| Skin sensitization | Category 1 - (H317) |
| Specific target organ toxicity (single exposure) | Category 3 - (H335); - (H336) |
| Specific target organ toxicity (repeated exposure) | Category 2 - (H373) |
| Acute aquatic toxicity | Category 1 - (H400) |
| Chronic aquatic toxicity | Category 1 - (H410) |

2.2. Label elements

Contains Cypermethrin (ISO), [Cypermethrin], Hydrocarbons, C10, aromatics, <1% naphthalene



Signal word Danger

Hazard statements

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H335 + H336 - May cause respiratory irritation. May cause drowsiness or dizziness

H373 - May cause damage to organs through prolonged or repeated exposure

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

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

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

P271 - Use only outdoors or in a well-ventilated area

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P302 + P352 - IF ON SKIN: Wash with plenty of water/...

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

P314 - Get medical advice/attention if you feel unwell

P391 - Collect spillage

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).

2.3. Other hazards

Endocrine Disruptor Information

| Chemical name | EU - Endocrine Disrupters | EU - Endocrine Disrupters - |
|--------------------------------------|---------------------------|-----------------------------|
| | Candidate List | Evaluated Substances |
| Cypermethrin (ISO) | Group III Chemical | - |
| 4-Nonylphenol, branched, ethoxylated | Group III Chemical | - |

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

| | Chemical name | EC No | CAS No | | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--------------------|-----------|------------|----|---|
| Ī | Cypermethrin (ISO) | 257-842-9 | 52315-07-8 | 20 | Acute Tox. 4 (H302) |

| | | | | ATEi = 500 mg/kg |
|-------------------------------|-----------|--------------|-------|------------------------|
| | | | | Acute Tox. 4 (H332) |
| | | | | ATEi = 3.3 mg/L |
| | | | | STOT SE 3 (H335) |
| | | | | STOT RE 2 (H373) |
| | | | | (nervous system) |
| | | | | Aquatic Acute 1 (H400) |
| | | | | M=100 000 |
| | | | | Aquatic Chronic 1 |
| | | | | (H410) M=100 000 |
| Hydrocarbons, C10, aromatics, | 918-811-1 | NA | 63-71 | Asp. Tox. 1 (H304) |
| <1% naphthalene | | | | STOT SE 3 (H336) |
| · · | | | | Aquatic Chronic 2 |
| | | | | (H411) |
| | | | | EUH066 |
| 4-Nonylphenol, branched, | | 127087-87-0 | 3-6 | Acute Tox. 4 (H302) |
| ethoxylated | | | | Acute Tox. 4 (H332) |
| | | | | Eye Dam. 1 (H318) |
| | | | | Aquatic Chronic 2 |
| | | | | · (H411) |
| Benzenesulfonic acid, | 932-231-6 | 1335202-81-7 | 2-5 | Skin irrit. 2 (H315) |
| C10-13-alkyl derivs., calcium | | | | Eye dam.1 (H318) |
| salt | | | | Aquatic Chronic 3 |
| | | | | · (H412) |
| d-limonene | 227-813-5 | 5989-27-5 | 2-5 | Skin Irrit. 2 (H315) |
| | | | | Skin Sens. 1 (H317) |
| | | | | Aquatic Acute 1 (H400) |
| | | | | Aquatic Chronic 1 |
| | | | | (H410) |
| | | | | Flam. Liq. 3 (H226) |
| 2-ethylhexan-1-ol | 203-234-3 | 104-76-7 | 1-4 | Skin irrit. 2 (H315) |
| · | | | | Eye Irrit.2 (H319) |
| | | | | Acute Tox.4 (H332) |
| | | | | STOT SE 3 (H335) |

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 adviceShow this safety data sheet to the doctor in attendance. Immediate medical attention is required. IF exposed or concerned: Get medical advice/attention.

Inhalation If breathing has stopped, give artificial respiration. Get medical attention imme

If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. 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. Aspiration into lungs can produce severe lung damage. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. 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. May cause an

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allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water.

Never give anything by mouth to an unconscious person. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical

advice/attention.

Self-protection of the first aider

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. 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. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing.

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

Symptoms Coughing and/ or wheezing. Difficulty in breathing. Burning sensation. Itching. Rashes.

Hives. Dizziness. Prolonged contact may cause redness and irritation.

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

May cause sensitization in susceptible persons. Treat symptomatically. Because of the Note to physicians

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

Specific hazards arising from the

chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

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 Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Do not breathe vapor

or mist. 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.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Should not be released into the

environment. Do not allow to enter into soil/subsoil. Prevent product from entering drains.

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 sectionsSee 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 Handle in accordance with good industrial hygiene and safety practice. Avoid contact with

skin, eyes or clothing. Do not breathe vapor or mist. 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.

General hygiene considerations Avoid contact with skin, eyes or clothing. Do not breathe vapor or mist. 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 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.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach

of children. Store locked up. 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 | - | TWA: 1 ppm | TWA: 1 ppm | TWA: 5.4 mg/m ³ | TWA: 5.4 mg/m ³ |
| 104-76-7 | | TWA: 5.4 mg/m ³ | TWA: 5.4 mg/m ³ | | TWA: 1 ppm |
| | | STEL 2 ppm | * | | |
| | | STEL 10.8 mg/m ³ | | | |
| Chemical name | Denmark | Germany | France | United Kingdom | Spain |
| d-limonene | - | TWA: 5 ppm | TWA: 1000 mg/m ³ | - | TWA: 30 ppm |
| 5989-27-5 | | TWA: 28 mg/m ³ | STEL: 1500 mg/m ³ | | TWA: 168 mg/m ³ |
| | | H* | | | vía dérmica* |
| | | | | | sensitizer |

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| 2-ethylhexan-1-ol | TWA: 1 ppm | TWA: 10 ppm | TWA: 50 ppm | TWA: 1 ppm | TWA: 1 ppm |
|-------------------|----------------------------|---------------------------|----------------------------|---|-----------------------------|
| 104-76-7 | TWA: 5.4 mg/m ³ | TWA: 54 mg/m ³ | TWA: 270 mg/m ³ | TWA: 5.4 mg/m ³ | TWA: 1.54 mg/m ³ |
| | H* | | | STEL: 3 ppm STEL: 16.2 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

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.

Avoid contact with skin, eyes or clothing. Do not breathe vapor or mist. Wear suitable **General hygiene considerations**

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 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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid

Straw to light brown Color

Odor Aromatic.

Property Values Remarks • Method No data available.

pH (as aqueous solution) Melting point / freezing point

Boiling point / boiling range

64 °C Flash point

No data available. **Evaporation rate** Flammability (solid, gas) No data available.

Flammability Limit in Air

Upper flammability or explosive No data available.

limits

Lower flammability or explosive No data available.

limits

Vapor pressure No data available. Vapor density No data available. Relative density 0.96 - 0.98 Water solubility Miscible in water Solubility(ies) No data available. Partition coefficient No data available. No data available. **Autoignition temperature**

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Decomposition temperature

Kinematic viscosity

Dynamic viscosity

No data available.

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 Acute Tox. 4 (H302). Classification based on calculation method

Dermal LD50
Inhalation LC50
Not classified. Based on calculation method, the classification criteria are not met.

Skin corrosion/irritationNon-irritating to the skin. Based on calculation method, the classification criteria are not

met.

Serious eye damage/eye irritation Eye Dam. 1 (H318). Classification based on calculation method.

Respiratory or skin sensitization Skin Sens. 1 (H317). Classification based on calculation method.

Germ cell mutagenicity

| Chemical name | European Union |
|--------------------|----------------|
| Cypermethrin (ISO) | Not classified |
| 2-ethylhexan-1-ol | Not classified |

Carcinogenicity

| Chemical name | European Union |
|---------------|----------------|
| ` | |

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| Cypermethrin (ISO) | Not classified |
|--------------------|----------------|
| 2-ethylhexan-1-ol | Not classified |

Reproductive toxicity

| Chemical name | European Union |
|--------------------|----------------|
| Cypermethrin (ISO) | Not classified |
| 2-ethylhexan-1-ol | Not classified |

STOT - single exposure STOT SE 3 (H335), (H336). Classification based on calculation method.

STOT - repeated exposure STOT RE 2 (H373). Classification based on calculation method.

Aspiration hazard Asp. Tox. 1 (H304). Classification based on calculation method.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity H400 - Very toxic to aquatic life.

Classification based on calculation method.

H410 - Very toxic to aquatic life with long lasting effects.

Classification based on calculation method.

Toxic to honeybees.

| | Chemical name | Algae/aquatic plants | Fish | Toxicity to | Crustacea |
|---|--------------------|---------------------------|--------------------------|----------------|--------------------------|
| | | | | microorganisms | |
| Γ | Cypermethrin (ISO) | Acute toxicity: EC50 > 33 | Acute toxicity: LC50 = | - | Acute toxicity: EC50 = |
| | | μg/l; | 2.83 µg/l; | | 4.7 μg/l; |
| | | Chronic toxicity: NOEC ≥ | Chronic toxicity: NOEC = | | Chronic toxicity: NOEC = |
| | | 33 μg/l | 0.01 µg/l | | 0.04 μg/l |

12.2. Persistence and degradability

Persistence and degradability Moderately persistent in soils, degrades moderately fast in water systems under daylight

conditions. [Cypermethrin].

12.3. Bioaccumulative potential

Bioaccumulation Low potential for bioaccumulation. [Cypermethrin].

Bioconcentration factor (BCF) 373.4 L/Kg

| Chemical name | Partition coefficient |
|--------------------|-------------------------------|
| Cypermethrin (ISO) | Log P = 5.55 (at pH 7, 20 °C) |

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The components in formulation do not meet the criteria for classification as PBT or vPvB.

| Chemical name | PBT and vPvB assessment |
|--|---------------------------------|
| Cypermethrin (ISO) | The substance is not PBT / vPvB |
| Hydrocarbons, C10, aromatics, <1% naphthalene | 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 |
| d-limonene | The substance is not PBT / vPvB |

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| 2-ethylhexan-1-ol | The substance is not PBT / vPvB |
|-------------------|---------------------------------|

12.6. Other adverse effects

Endocrine Disruptor Information

| | Chemical name | EU - Endocrine Disrupters Candidate List | EU - Endocrine Disrupters - Evaluated Substances |
|-----|-----------------------------------|---|---|
| | Cypermethrin (ISO) | Group III Chemical | - |
| 4-N | onylphenol, branched, ethoxylated | 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. [Cypermethrin], [Hydrocarbons, C10,

aromatics, <1% naphthalene]

14.3 Transport hazard class(es)914.4 Packing groupIII14.5 Marine pollutantYesEnvironmental hazardsYes

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. [Cypermethrin], [Hydrocarbons, C10,

aromatics, <1% naphthalene]

14.3 Transport hazard class(es) 9
14.4 Packing group |||

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. [Cypermethrin], [Hydrocarbons, C10,

aromatics, <1% naphthalene]

9

9

14.3 Transport hazard class(es)

14.4 Packing groupIII14.5 Environmental hazardsYes

14.6 Special precautions for user

Special Provisions None

<u>IATA</u>

14.1 UN number 3082

14.2 UN proper shipping name Environmentally hazardous substance, liquid, n.o.s. [Cypermethrin], [Hydrocarbons, C10,

aromatics, <1% naphthalene]

14.3 Transport hazard class(es)

14.4 Packing group

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 |
|---------------|------------------|-------|
| d-limonene | RG 84 | - |
| 5989-27-5 | | |

Germany

Water hazard class (WGK) strongly hazardous to water (WGK 3)

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 | Substance subject to authorization per |
|--|--------------------------------|--|
| | Annex XVII | REACH Annex XIV |
| 4-Nonylphenol, branched, ethoxylated - | | X |
| 127087-87-0 | | |

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 | l.1 |
| | 1.2 |

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

Contact supplier for inventory compliance status **TSCA DSL/NDSL** Contact supplier for inventory compliance status Contact supplier for inventory compliance status **EINECS/ELINCS** Contact supplier for inventory compliance status **ENCS** Contact supplier for inventory compliance status **IECSC 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

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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

H226 - Flammable liquid and vapor

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

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

H373 - May cause damage to organs through prolonged or repeated exposure

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

H302 - Classification based on calculation method

H304 - Classification based on calculation method

H317 - Classification based on calculation method

H318 - Classification based on calculation method

H335 - Classification based on calculation method

H336 - Classification based on calculation method

H373 - Classification based on calculation method

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)

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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

19-Jul-2022

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