DSSLV Dishwashing Detergent Sheets

Safety Data Sheet · Version 1.0-AU · Date of issue: 17 October 2026 · Prepared from manufacturer hazard data revised April 21, 2025.

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

• 1.1 Product identifier
• **Trade name:**
DSSLV Dishwashing Detergent Sheets
• **Product codes:**
DSLV-DISH-40 (40 sheets, EAN 0731788418526)
• **Other means of identification:**
UFI code: No available data.
• 1.2 Relevant identified uses of the substance or mixture and uses advised against
• **Relevant identified uses:**
Consumer uses, for washing .
• **Uses advised against:**
No available data.
• 1.3 Details of the supplier of the safety data sheet
• **Supplier (Australia):**
CK Digital Brands T/A DSSLV
71 Dover Drive, Burleigh Heads QLD 4220, Australia
Email: hello@dsslv.com.au
Web: https://dsslv.com.au
• 1.4 Emergency telephone number
Poisons Information Centre (Australia): 13 11 26 (24 hours, 7 days)
Supplier contact: hello@dsslv.com.au (business hours, AEST)

SECTION 2: Hazards identification

• 2.1 Classification of the substance or mixture
• **2.1.1 Classification according to regulation (EC) 1272/2008:**
Regulation (EC) No 1272/2008 [CLP] Classification procedure
Skin Irrit.2, H315 Additivity approach
Eye Dam. 1, H318 Additivity approach
STOT SE 3, H335 Additivity approach
Aquatic Chronic 3, H412 Summation method
• **2.1.2 Additional information:**
For full text of Hazard- and EU Hazard-statements: see SECTION 16.
• 2.2 Label elements
• **Labeling according to Regulation (EC) No 1272/2008:**
The product is labelled according to CLP Regulation.
• **Hazard pictograms:**
GHS05 GHS07
• **Signal word:**
Danger
• **Hazard-determining components of labelling:**
Sodium dodecyl sulphate
Sodium etasulfate
Cocamidopropyl betaine
• **Hazard statements:**
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.
• **Precautionary statement:**
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P264 Wash hands and face thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/eye protection/face protection.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338+P310 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/physician.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local regulations.
• **Supplemental label elements:**
EUH208: Contains Protease; α-Amylase. May produce an allergic reaction.
• **Regulation 648/2004 on Detergents:**
>30%: anionic surfactants
<5%: non-ionic surfactants
Enzymes
Perfumes
• 2.3 Other hazards
None of the ingredients (>=0.1%) meets the criteria for PBT/vPvB in accordance with Annex XIII.
None of the ingredients (>=0.1%) are identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

SECTION 3: Composition/information on ingredients

• 3.2 Mixtures
• **Description of the mixture:**
Low-foam solid enzyme dish washing sheet.
Ingredients:
Substance CAS No. Index No. EC No. w/w, % CLP Classification SCL/M-factor/ATE
Sodium dodecyl 151-21-3 - 205-788-1 20-35 Flam. Sol. 2, H228 ATE (oral)=1290
sulphate Acute Tox. 4, H302 mg/kg
Skin Irrit. 2, H315 ATE (inhal.)=1.5 mg/l
Eye Dam. 1, H318 (dust/mist)
STOT SE 3, H335 Eve Dam.1 H318:
Acute Tox.4, H332 C>20%
Aquatic Chronic 3, Eye Irrit. 2, H319:
H412 10%<C<20%
Polyvinyl alcohol 25213-24-5 - - 20-30 None -
Water 7732-18-5 - 231-791-2 5-15 None -
Glycerin 56-81-5 - 200-289-5 1-10 None -
Sodium citrate 6132-04-3 - - 1-10 None -
Sodium etasulfate 126-92-1 - 204-812-8 1-10 Skin Irrit. 2, H315 -
Eye Dam. 1, H318
Tetrasodium glutamate 51981-21-6 - 257-573-7 0.5-5 None -
diacetate
Cocamidopropyl 86438-79-1 - - 0.5-5 Eye Dam. 1, H318 -
betaine
Sodium car bonate 4 97-19-8 0 11-005-00-2 2 07-838-8 0. 1-1 Eye Ir rit. 2, H319 -
Protease 9014-01- 1 647-012-00-8 232-752-2 0.1-0 .9 Acute Tox. 4, H30 2 A TE (oral)=1800
Skin Irrit.2, H315 mg/kg
Eye Dam. 1, H318 M=1
Resp. Sens. 1, H33 4
STOT SE 3, H335
Aquatic Acute 1,
H400
Aquat ic Chronic 2,
H411
α-Amylase 9000-90-2 647-015-00-4 232-565-6 0.1-0.9 Resp. Sens. 1, H334 -
Additional information:
Full text of H- and EUH-statements, see SECTION 16.

SECTION 4: First aid measures

• 4.1 Description of first aid measures
• **General notes:**
Get medical attention if you feel unwell.
• **Following inhalation:**
Remove person to fresh air and keep comfortable for breathing.
Get medical attention if you feel unwell.
• **Following skin contact:**
Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
• **Following eye contact:**
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/physician.
• **Following ingestion:**
Rinse mouth.
Call a POISON CENTER/doctor if you feel unwell.
• **Self-protection of the first aider:**
Wear disposable, latex free gloves.
• **4.2 Most important symptoms and effects, both acute and delayed:**
Acute and delayed effects are as indicated in sections 2 and 11.
• **4.3 Indication of any immediate medical attention and special treatment needed:**
Treat according to symptom, there is not known specific medicine.

SECTION 5: Fire-fighting measures

• 5.1 Extinguishing media
• **Suitable extinguishing agents:**
Use CO2, chemical powder, water spray or alcohol resistant foam to extinguish.
• **Unsuitable extinguishing media:**
Water with full jet.
• 5.2 Special hazards arising from the substance or mixture
• **Hazardous combustion products:**
May produce corrosive dust in air under fire.
• 5.3 Advice for firefighters
• **Protective equipment:**
Wear self-contained breathing apparatus for firefighting.

SECTION 6: Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures
• 6.1.1 For non-emergency personnel
• **Protective equipment:**
Protective gloves/ eye protection/ face protection and respiration protection.
• **Emergency procedures:**
Ensure adequate ventilation.
Avoid breathing dust.
Avoid contact with skin and eyes.
Avoid release to the environment.
• 6.1.2 For emergency responders
• **Personal protective equipment:**
Protective gloves/ eye protection/ face protection and respiration protection.
• **6.2 Environmental precautions:**
Prevent further leakage or spillage if safe to do so.
Prevent spillage from entering drains, sewer, basement or confined areas.
If the spillage contaminates rivers, lakes or drains inform respective authorities.
• 6.3 Methods and material for containment and cleaning up
• **6.3.1 For containment:**
Bunding, covering of drains.
• **6.3.2 For cleaning up:**
Pick up mechanically.
• **6.3.3 Other information:**
Dispose contaminated material as waste according to section 13.
• **6.4 Reference to other sections:**
See section 7 for information on safe handling.
See section 8 for information on personal protection equipment.
See section 13 for disposal information.

SECTION 7: Handling and storage

• **7.1 Precautions for safe handling:**
• **Protective measures:**
Read carefully and follow all instructions.
Ensure good ventilation/exhaustion at the workplace.
Avoid breathing dust.
Use only outdoors or in a well-ventilated area.
Avoid contact with skin and eyes.

Avoid release to the environment.
• **Measures to prevent fire:**
Normal measures for preventive fire protection.
• **Measures to prevent aerosol and dust generation:**
Ensure well ventilation at workplace.
• **Measures to protect the environment:**
Avoiding spills or keeping away from drains.
• **Advice on general occupational hygiene:**
Wear protective gloves/ eye protection/ face protection and respiration protection.
• 7.2 Conditions for safe storage, including any non-compatibility
• **Technical measures and storage conditions:**
Store in a cool and well-ventilated place.
Keep out of reach of children.
• **Packaging materials:**
Use the same material as original container.
• **Requirements for storage rooms and vessels:**
No further information.
• **Storage class:**
11.
• **Further information on storage conditions:**
Store locked up.
• 7.3 Specific end use(s)
• **Recommendations:**
See section 1.2.
• **Industrial sector specific solutions:**
No further information.

SECTION 8: Exposure controls/personal protection

• 8.1 Control parameters
• **Ingredients with limit values that require monitoring at the workplace:**
Country Limit value - Eight hours Limit value - Short term
56-81-5 Glycerin
Belgium 10 mg/m³ -
Finland 20 mg/m³ -
France 10 mg/m³ -
Germany (DFG) 200 mg/m³ Inhalable fraction 400 mg/m³ Inhalable fraction; 15 minutes average value
Ireland 10 mg/m³ -
Poland 10 mg/m³ -
Spain 10 mg/m³ -
United Kingdom 10 mg/m³ -
497-19-8 Sodium carbonate
Romania 1 mg/m3 1 mg/m3 15 minutes average value
9014-01-1 Protease
Belgium 0.00006 mg/m³ -
Denmark 0.00006 mg/m³ 0.00006 mg/m³
Ireland 0.00006 mg/m³ 0.00006 mg/m³ 15 minutes reference period
Spain - 0.00006 mg/m³
Sweden 1 mg/m³ glycine unit/m³ 3 mg/m³ glycine unit/m³ 15 minutes average value
United Kingdom 0.00004 mg/m³ -
• **DNELs:**
DNEL type DNEL worker value DNEL consumer value
151-21-3 Sodium dodecyl sulphate
Systemic effects Long-term, inhalation exposure 285 mg/m³ 85 mg/m³
Long-term, dermal exposure 4 060 mg/kg bw/day 2 440 mg/kg bw/day
Long-term, oral exposure - 24 mg/kg bw/day
126-92-1 Sodium etasulfate
Systemic effects Long-term, inhalation exposure 285 mg/m³ 85 mg/m³
Long-term, dermal exposure 4 060 mg/kg bw/day 2 440 mg/kg bw/day
Long-term, oral exposure - 24 mg/kg bw/day
• **PNECs:**
PNEC type Value
151-21-3 Sodium dodecyl sulphate
Freshwater 176 µg/L
Intermittent releases (freshwater) 55 µg/L

Marine water 17.6 µg/L
Sewage treatment plant (STP) 1.35 mg/L
Sediment (freshwater) 6.97 mg/kg sediment dw
Sediment (marine water) 697 µg/kg sediment dw
Soil 1.29 mg/kg soil dw
126-92-1 Sodium etasulfate
Freshwater 135.7 µg/L
Intermittent releases (freshwater) 4.83 mg/L
Marine water 13.57 µg/L
Sewage treatment plant (STP) 1.35 mg/L
Sediment (freshwater) 1.5 mg/kg sediment dw
Sediment (marine water) 150 µg/kg sediment dw
Soil 220 µg/kg soil dw
• **Additional information:**
The lists valid during the marking were used as basis.
• 8.2 Exposure controls
• Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.
• **8.2.1 Appropriate engineering controls:**
Handle in accordance with good industrial hygiene and safety practice.
Wash hands and face before breaks and at the end of work.
See section 7 for information about design of technical facilities.
• 8.2.2. Personal protection equipment
• **Eye/face protection:**
Safety glasses
Protective goggles with side-shields.
• Skin protection
• **Hand protection:**
Protective gloves
Gloves made from butyl rubber Neoprene(TM) rubber, nitrile rubber (thickness> 0.11mm; breakthrough times up to 480 minutes).
• **Other skin protection:**
Not required under normal conditions of use.
For industrial applications, following protection required:
Face protection Safety boots Safety overalls
Face shield, gauntlets, boots, bodysuit are recommended.
• **Respiration protection:**
Not required under normal conditions of use.
For industrial applications, following protection required:
Respiratory equipment
Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.
• **Thermal hazards:**
Not required under normal conditions of use.
For industrial applications, following protection required:
The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.
• **8.2.3 Environmental exposure controls:**
Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

• 9.1 Information on basic physical and chemical properties
• Physical state Solid
• Color Colored
• Odor & Odor threshold Fragrance Free
• Melting point/freezing point (or softening point/range) Not determined
• Boiling point or initial boiling point and boiling range Not determined
• Flammability Not flammable solid
• Lower and upper explosion limit Not applicable
• Flash point Not applicable
• Auto-ignition temperature Not applicable
• Decomposition temperature Not determined
• pH 6-8.5 (10%, 20°C)
• Kinematic viscosity (mm2/s) Not applicable
• Solubility Not determined
• Partition coefficient n-octanol/water (log value) Not applicable
• Vapor pressure Not determined
• Density and/or relative density Not determined

• Relative vapor density Not determined
• Particle characteristics Not determined
• 9.2 Other information
• **9.2.1 Information with regard to physical hazard classes:**
• Explosives Not applicable
• Flammable gases Not applicable
• Aerosols Not applicable
• Oxidising gases Not applicable
• Gases under pressure Not applicable
• Flammable liquids Not applicable
• Flammable solids Not applicable
• Self-reactive substances and mixtures Not applicable
• Pyrophoric liquids Not applicable
• Pyrophoric solids Not applicable
• Self-heating substances and mixtures Not applicable
• Substances and mixtures, which emit flammable gases Not applicable in contact with water
• Oxidizing liquids Not applicable
• Oxidizing solids Not applicable
• Organic peroxides Not applicable
• Corrosive to metals Not applicable
• Desensitised explosives Not applicable
• 9.2.2 Other safety characteristics
• Mechanical sensitivity Not applicable
• Self-accelerating polymerisation temperature Not applicable
• Formation of explosible dust/air mixtures Not applicable
• Acid/alkaline reserve Not applicable
• Evaporation rate Not applicable
• Miscibility Not applicable
• Conductivity Not applicable
• Corrosiveness Not applicable
• Gas group Not applicable
• Redox potential Not applicable
• Radical formation potential Not applicable
• Photocatalytic properties Not applicable
• Other physical and chemical parameters Not determined

SECTION 10: Stability and reactivity

• **10.1 Reactivity:**
The product is non-reactive under normal conditions of use, storage and transport.
• **10.2 Chemical stability:**
Under storage at normal ambient temperatures, the product is stable.
• **10.3 Possibility of hazardous reactions:**
No known hazardous reaction.
• **10.4 Conditions to avoid:**
High temperature.
• **10.5 Incompatible materials:**
Strong oxidizing agent and acids.
• **10.6 Hazardous decomposition products:**
Does not decompose when used for intended uses.

SECTION 11: Toxicological information

• 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
• **Acute toxicity:**
Based on available data, the classification criteria are not met.
Species Effective Dose Results Method/Source
151-21-3 Sodium dodecyl sulfate
Rat LD50-oral 1290 mg/kg Toxicological Data, compiled by the National Institute of Health (NIH), USA, selected and distributed by Technical Database Services (TDS), New York, 2009.
Rat LC50-inhalation >3900 mg/m3/1H BIOFAX Industrial Bio-Test Laboratories, Inc., Data Sheets., 23-3/1971.
Rat LD50-dermal >2000 mg/kg ECHA registered dossier.
Rabbit LD50-dermal 580 mg/kg Henkel KGaA Duesseldorf [IUCLID 2000]

56-81-5 Glycerin
Rat LD50-oral 12600 mg/kg Federation Proceedings, Federation of American Societies for Experimental Biology. Vol. 4, Pg. 142, 1945.
Rabbit LD50-dermal >10000 mg/kg Toxicological Data, compiled by the National Institute of Health (NIH), USA, selected and distributed by Technical Database Services (TDS), New York, 2009.
Rabbit LD50-oral 27 g/kg Delaware State Medical Journal., 31(276), 1959.
Mouse LD50-oral 4090 mg/kg Farmatsevtichnii Zhurnal, (6)(56), 1977 .
Guinea pig LD50-oral 7750 mg/kg Journal of Industrial Hygiene and Toxicology., 23(259), 1941.
Guinea pig LD50-dermal 45 mL/kg ECHA registered dossier.
126-92-1 Sodium etasulfate
Rat LD50-oral 4 g/kg Farm Chemicals Handbook., -(C276), 1991.
Rat LD50-dermal >2000 mg/kg ECHA registered dossier.
Mouse LD50-oral 1550 mg/kg Gigiena i Sanitariya. For English translation, see HYSAAV., 43(7)(70), 1978.
Rabbit LD50-oral 3580 mg/kg Toxicology and Applied Pharmacology., 17(53), 1970 [PMID:5460439].

• **Skin corrosion/irritation:**
Causes skin irritation

• **Serious eyes damage/ irritation:**
Causes serious eye damage.

• **Respiratory or skin sensitization:**
Based on available data, the classification criteria are not met.

• **Germ cell mutagenicity:**
Based on available data, the classification criteria are not met.

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

• **Reproductive toxicity:**
Based on available data, the classification criteria are not met.

• **STOT-single exposure:**
May cause respiratory irritation.

• **STOT-repeated exposure:**
Based on available data, the classification criteria are not met.

• **Aspiration hazard:**
Based on available data, the classification criteria are not met.

• 11.2 Information on other hazards

• **11.2.1 Endocrine disrupting properties:**
None of the ingredients (>=0.1%) are considered to have endocrine-disrupting properties with respect to humans, as none of them meet the criteria set out in section A of Regulation (EU) No 2017/2100.

• **11.2.2 Other information:**
No known other relevant information on adverse health effects.

SECTION 12: Ecological information

• **12.1 Toxicity:**
Species Effect dose Test duration Value
151-21-3 Sodium dodecyl sulphate
Pimephales promelas LC50 96h 29 mg/L
Cyprinodon variegatus LC50 96h 4.1 mg/L
Pimephales promelas NOEC 42d >=1.36 mg/L
Ceriodaphnia dubia EC50 48h 5.55 mg/L
Artemia salina LC50 48h 3.15 mg/L
Desmodesmus subspicatus EC50 72h 120 mg/L
Desmodesmus subspicatus NOEC 72h 30 mg/L
56-81-5 Glycerin
Salmo gairdneri LC50 96h 54000 mg/L
Daphnia magna LC50 48h 1955 mg/L
Ceriodaphnia dubia NOEC 7d 800 mg/L
Pseudomonas putida NOEC 16h >10000 mg/L
9014-01-1 Protease
Oncorhynchus mykiss LC50 96h 15.6 mg/L
Pimephales promelas NOEC 32d 0.06 mg/L
Daphnia magna NOEC 21d 0.51 mg/L
Desmodesmus subspicatus EC50 72h 1.58 mg/L
Desmodesmus subspicatus NOEC 72h 0.605 mg/L

• **12.2 Persistence and degradability:**

CAS Substance Biodegradation Hydrolysis
151-21-3 Sodium dodecyl sulphate 95%(28d) -
56-81-5 Glycerin 100%(24h) -
9014-01-1 Protease 102%(29d) -

• **12.3 Bio-accumulative potential:**
CAS Substance Log Pow BCF
151-21-3 Sodium dodecyl sulphate -2.03 -
56-81-5 Glycerin -1.75 -
9014-01-1 Protease -1.3 -

• **12.4 Mobility in soil:**
CAS Substance Surface tension (mN/m) Log Koc
151-21-3 Sodium dodecyl sulphate 25.2 (1 g/l, 23°C) 2.5
56-81-5 Glycerin 63.4 (1000 g/L, 20 °C) -

• **12.5 Results of PBT and vPvB assessment:**
This mixture does not contain any substances (>=0.1%) that are assessed to be a PBT or a vPvB.

• **12.6 Endocrine disrupting properties:**
None of the ingredients (>=0.1%) are considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them meet the criteria set out in section B of Regulation (EU) No 2017/2100.

• **12.7 Other adverse effects:**
No known other adverse effects.

• 12.8 Additional ecological information

• **General notes:**
WGK1 (German Regulation) (self-assessment): slightly hazardous to water.
Do not allow large quantities of the product to reach ground water, water course or sewage system.

SECTION 13: Disposal consideration

• 13.1 Waste treatment methods

• **Recommendation:**
Must not disposed together with household garbage.

• 13.2 Un-cleaned packaging

• **Recommendation:**
Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

• 14.1 UN number or ID number
• ADR/ADN/RID (2025 Edition) Not applicable/Not regulated, this product is not subject to ADR/ADN/RID.
• IMO/IMDG (41-22) Not applicable/Not regulated, this product is not subject to IMO/IMDG code.
• IATA-DGR (66th) Not applicable/Not regulated, this product is not subject to IATA-DGR.
• 14.2 UN proper shipping name
• ADR/ADN/RID (2025Edition) Not applicable/Not regulated
• IMO/IMDG (41-22) Not applicable/Not regulated
• IATA-DGR (66th) Not applicable/Not regulated
• 14.3 Transport hazard class (es)
• ADR/ADN/RID (2025Edition) Not applicable/Not regulated
• IMO/IMDG (41-22) Not applicable/Not regulated
• IATA-DGR (66th) Not applicable/Not regulated
• 14.4 Packing group
• ADR/ADN/RID (2025Edition) Not applicable/Not regulated
• IMO/IMDG (41-22) Not applicable/Not regulated
• IATA-DGR (66th) Not applicable/Not regulated
• 14.5 Environmental hazards
• Environmentally hazardous (ADR/ADN/RID) No
• Marine Pollutants (Yes/No) No
• Special mark (ADR/ADN/RID) No
• 14.6 Special precautions for user Not applicable/Not regulated
• Danger code (Kemler) Not applicable/Not regulated
• EMS number Not applicable/Not regulated
• 14.7 Maritime transport in bulk according to IMO instruments Not applicable/Not regulated

SECTION 15: Regulatory information

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

• **MAK (German Maximum Workplace Concentration):**
None of the ingredients are listed.

• Directive 2012/18/EU
• **Named dangerous substances-ANNEX I:**
None of the ingredients are listed.
• **Seveso category:**
Not applicable
• **Qualifying quantity (tonnes) for the application of lower-tier requirements:**
Not applicable
• **Qualifying quantity (tonnes) for the application of upper-tier requirements:**
Not applicable
• National regulations.
• **Water hazard class:**
WGK1 (German Regulation) (self-assessment): slightly hazardous to water.
• Other regulations, limitations and prohibitive regulations
• **SVHC Candidate list of REACH Regulation Annex XIV Authorization:**
None of the ingredients are listed.
• **REACH Regulation Annex XVII Restriction:**
None of the ingredients are listed.
• **REACH Regulation Annex XIV Authorization List:**
None of the ingredients are listed.
• **15.2 Chemical safety assessment:**
A Chemical Safe Assessment has not been carried out.

SECTION 16: Other information

• **16.1 Indication of changes:**
None.
• **16.2 Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).
IMDG: International Maritime Code for Dangerous Goods.
IATA: International Air Transport Association.
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
PBT: Persistent, Bio accumulative and Toxic
vPvB: very persistent and very bio accumulative
SVHC: Substance of Very High Concern
LD50: Lethal dose, 50 percent
LC50: Lethal concentration, 50 percent
EC50: Concentration of maximal effect, 50 percent
NOEC: No observed effect concentration
Flam. Sol. 1: Flammable solids, hazard category 1
Acute Tox. 4: Acute toxicity, hazard category 4
Skin Irrit. 2: Skin corrosion/irritation, hazard category 2
Eye Dam. 1: Eye damage/irritation, hazard category 1
Eye Irrit. 2: Eye damage/irritation, hazard category 2
Resp. Sens. 1: Respiratory sensitization, hazard category 1
STOT SE 3: Specific target organ toxicity after single exposure, hazard category 3
Aquatic Acute 1: Short-term (acute) aquatic hazard, hazard category 1
Aquatic Chronic 2: Long-term (chronic) aquatic hazard, hazard category 2
Aquatic Chronic 3: Long-term (chronic) aquatic hazard, hazard category 3
• **16.3 Key literature references and sources for data:**
https://echa.europa.eu/
https://chem.nlm.nih.gov/
https://www.osha.gov/
http://www.unece.org/
http://www.imo.org/
https://www.dguv.de/
https://epa.govt.nz/
http://www.ilo.org/
https://www.phmsa.dot.gov/
• **16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]:**
See section 2.1 (classification).
• **16.5 Relevant H- and EUH-phrases (number and full text):**
H228 Flammable solid

H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage
H319 Causes serious eye irritation
H332 Harmful if inhaled
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 May cause respiratory irritation
H400 Very toxic to aquatic life
H411 Toxic to aquatic life with long lasting effects
H412 Harmful to aquatic life with long lasting effects

• **16.6 Training advice:**

Workers must be trained in general and specific aspects of safe work procedures for this chemical. Workers need easy to understand guidelines and instructions for safe working with this chemical. Instructions, guidelines and legally required documents need to be available for workers in easy to understand language.

• **16.7 Further information:**

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

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End of safety data sheet