SAFETY DATA SHEET

ACDELCO DEXRON LS GEAR 75W90

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

1.1. Product identifier

Trade name

ACDELCO DEXRON LS GEAR 75W90

Product no.

88862624

Unique formula identifier (UFI)

YS00-W054-3009-JEC8

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

Relevant identified uses of the substance or mixture

Lubricant

Uses advised against

The product may only be used in accordance with the area of application specified above. If, nonetheless, the product is used outside the specified scope, please contact the supplier.

1.3. Details of the supplier of the safety data sheet

Company and address

Klintberg & Way Parts AB
Haukadalsgatan 5
164 40 KISTA
SWEDEN
+46 (0)8 6808800
www.kwparts.com

E-mail

info@kwparts.com

Revision

28-01-2022

SDS Version

1.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).
See section 4 “First aid measures”.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.
Skin Irrit. 2; H315, Causes skin irritation.
Skin Sens. 1; H317, May cause an allergic skin reaction.
Eye Dam. 1; H318, Causes serious eye damage.
Acute Tox. 4; H332, Harmful if inhaled.
Aquatic Acute 1; H400, Very toxic to aquatic life.
Aquatic Chronic 1; H410, Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram(s)

Signal word

Danger

Hazard statement(s)

May be fatal if swallowed and enters airways. (H304)
Causes skin irritation. (H315)
May cause an allergic skin reaction. (H317)
Causes serious eye damage. (H318)
Harmful if inhaled. (H332)
Very toxic to aquatic life with long lasting effects. (H410)

Safety statement(s)

General

If medical advice is needed, have product container or label at hand. (P101)

Prevention

Wear eye protection/protective gloves/protective clothing. (P280)

Response

Immediately call a POISON CENTER/doctor. (P310)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

Storage

Store locked up. (P405)

Disposal

Dispose of contents/container to an approved waste disposal plant. (P501)

Hazardous substances

1-Decene, homopolymer, hydrogenated
(Z)-octadec-9-enylamine
Amines, C12-14-tert-alkyl
Polysulfides, di-tert-Bu

2.3. Other hazards

Additional labelling

Not applicable

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	CAS No.: 72623-86-0 EC No.: 276-737-9 REACH: 01-2119474878-16-XXXX Index No.: 649-482-00-X	20-30%		
1-Decene, homopolymer, hydrogenated	CAS No.: 68037-01-4 EC No.: 500-183-1 REACH: 01-2119486452-34-XXXX Index No.:	20-30%	Asp. Tox. 1, H304	

Residual oils (petroleum,) solvent-refined;Baseoil - unspecified;[A complex combination by hydrocarbons obtained as the solvent insoluble fraction from solvent refining of a residuum using a polar organic solvent such as phenol or furfural. It consists of hydrocarbons having carbon numbers predominantly higher than C25 and boiling above approximately 400 °C (752 °F).]	CAS No.: 64742-01-4 EC No.: 265-101-6 REACH: Index No.: 649-459-00-4	1-5%	
(Z)-octadec-9-enylamine	CAS No.: 112-90-3 EC No.: 204-015-5 REACH: Index No.: 612-283-00-3	1-2.5%	Acute Tox. 4, H302 (ATE: 1200.00 mg/kg) Asp. Tox. 1, H304 Skin Corr. 1B, H314 STOT RE 2, H373 (Liver) Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10) STOT SE 3, H335
Amines, C12-14-tert-alkyl	CAS No.: 68955-53-3 EC No.: 273-279-1 REACH: Index No.:	0.25-1%	Met. Corr. 1, H290 Acute Tox. 4, H302 Acute Tox. 3, H311 Skin Corr. 1C, H314 Skin Sens. 1, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)
Polysulfides, di-tert-Bu	CAS No.: 68937-96-2 EC No.: 273-103-3 REACH: 01-2119540515-43-XXXX Index No.:	0.25-1%	Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

No special

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of uncertainty on how to treat an exposed person, call the National Poisons Information Service immediately.
In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the injured person into fresh air. Make sure the injured person is continuously monitored. Prevent shock by keeping the injured person warm and calm. If breathing ceases, give mouth-to-mouth resuscitation. If unconscious, roll the injured person into recovery position. Call an ambulance.

Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact

Flush immediately with soft, tempered water jet or eye wash fluid. If possible, remove contact lenses, if any. After the initial flushing, the injured person should be transported to a hospital or doctor. Continue flushing until healthcare professionals can take over.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER / doctor.
Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

Burns

Not applicable

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

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.
Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.
Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.
If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:
Carbon oxides (CO / CO2).

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Always wear gloves and protective clothing when in contact with chemical substances.
Avoid direct contact with spilled substances.

Avoid inhalation of vapours from spilled material.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.
Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.
To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 on “Disposal considerations” in regard of handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

A risk assessment of the handling shall always be prepared based on the specific conditions prevailing at the workplace. The risk assessment shall be used as basis for preparing appropriate instructions for the safe handling of the product.
It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.
Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Keep only in original packaging.

Storage temperature

Dry, cool and well ventilated

Incompatible materials

Strong acids, bases, oxidizing agents and reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

Product/substance	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
DNEL	740 µg/kgbw/day
Route of exposure	Oral
Duration	Long term – Systemic effects - General population

Product/substance	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
DNEL	1.19 mg/m³
Route of exposure	Inhalation
Duration	Long term – Local effects - General population

Product/substance	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
DNEL	970 µg/kgbw/day

Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers

Product/substance	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
DNEL	5.58 mg/m³
Route of exposure	Inhalation
Duration	Long term – Local effects - Workers

Product/substance	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
DNEL	2.73 mg/m³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers

Product/substance	Residual oils (petroleum,) solvent-refined;Baseoil - unspecified;[A complex combination by hydrocarbons obtained as the solvent insoluble fraction from solvent refining of a residuum using a polar organic solvent such as phenol or furfural. It consists of hydrocarbons having carbon numbers predominantly higher than C25 and boiling above approximately 400 °C (752 °F).]
DNEL	2.73 mg/m³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers

Product/substance	Residual oils (petroleum,) solvent-refined;Baseoil - unspecified;[A complex combination by hydrocarbons obtained as the solvent insoluble fraction from solvent refining of a residuum using a polar organic solvent such as phenol or furfural. It consists of hydrocarbons having carbon numbers predominantly higher than C25 and boiling above approximately 400 °C (752 °F).]
DNEL	5.58 mg/m³
Route of exposure	Inhalation
Duration	Long term – Local effects - Workers

Product/substance	Residual oils (petroleum,) solvent-refined;Baseoil - unspecified;[A complex combination by hydrocarbons obtained as the solvent insoluble fraction from solvent refining of a residuum using a polar organic solvent such as phenol or furfural. It consists of hydrocarbons having carbon numbers predominantly higher than C25 and boiling above approximately 400 °C (752 °F).]
DNEL	0.97 mg/kg/day
Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers

Product/substance	Residual oils (petroleum,) solvent-refined;Baseoil - unspecified;[A complex combination by hydrocarbons obtained as the solvent insoluble fraction from solvent refining of a residuum using a polar organic solvent such as phenol or furfural. It consists of hydrocarbons having carbon numbers predominantly higher than C25 and boiling above approximately 400 °C (752 °F).]
DNEL	0.74 mg/kgbw/day
Route of exposure	Oral
Duration	Long term – Systemic effects - General population

Product/substance	(Z)-octadec-9-enylamine
DNEL	0,035 mg/m³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - General population

Product/substance	(Z)-octadec-9-enylamine
DNEL	1 mg/m³
Route of exposure	Inhalation
Duration	Long term – Local effects - Workers

Product/substance	(Z)-octadec-9-enylamine
DNEL	0,38 mg/m³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers

Product/substance	Polysulfides, di-tert-Bu
DNEL	0.167 mg/kg bw/day
Route of exposure	Oral
Duration	Long term – Systemic effects - General population

Product/substance	Polysulfides, di-tert-Bu
DNEL	1.67 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term – Systemic effects - General population

Product/substance	Polysulfides, di-tert-Bu
DNEL	0.58 mg/m³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - General population

Product/substance	Polysulfides, di-tert-Bu
DNEL	4.67 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers

Product/substance	Polysulfides, di-tert-Bu
DNEL	3.29 mg/m³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers

PNEC

Product/substance	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
PNEC	9.33 mg/kg
Route of exposure	Predators
Duration of Exposure	

Product/substance	Residual oils (petroleum,) solvent-refined;Baseoil - unspecified;[A complex combination by hydrocarbons obtained as the solvent insoluble fraction from solvent refining of a residuum using a polar organic solvent such as phenol or furfural. It consists of hydrocarbons having carbon numbers predominantly higher than C25 and boiling above approximately 400 °C (752 °F).]
PNEC	9.33 mg/kg
Route of exposure	Predators
Duration of Exposure	

Product/substance	(Z)-octadec-9-enylamine
PNEC	3,76 mg/kg sediment dw
Route of exposure	Freshwater sediment
Duration of Exposure	

Product/substance	(Z)-octadec-9-enylamine
PNEC	0,550 mg/L
Route of exposure	Sewage treatment plant

Duration of Exposure	

Product/substance	(Z)-octadec-9-enylamine
PNEC	0,0000026 mg/L
Route of exposure	Marine water
Duration of Exposure	

Product/substance	(Z)-octadec-9-enylamine
PNEC	0,000026 mg/L
Route of exposure	Freshwater
Duration of Exposure	

Product/substance	(Z)-octadec-9-enylamine
PNEC	0,376 mg/kg sediment dw
Route of exposure	Marine water sediment
Duration of Exposure	

Product/substance	Polysulfides, di-tert-Bu
PNEC	18.1 µg/kg dw
Route of exposure	Soil
Duration of Exposure	Continuous

Product/substance	Polysulfides, di-tert-Bu
PNEC	0.094 mg/kg dw
Route of exposure	Marine water sediment
Duration of Exposure	Continuous

Product/substance	Polysulfides, di-tert-Bu
PNEC	0.94 mg/kg dw
Route of exposure	Freshwater sediment
Duration of Exposure	Continuous

Product/substance	Polysulfides, di-tert-Bu
PNEC	4.51 mg/L
Route of exposure	Sewage treatment plant
Duration of Exposure	Continuous

Product/substance	Polysulfides, di-tert-Bu
PNEC	0.024 µg/L
Route of exposure	Marine water
Duration of Exposure	Continuous

Product/substance	Polysulfides, di-tert-Bu
PNEC	0.24 µg/L
Route of exposure	Freshwater
Duration of Exposure	Continuous

Product/substance	Polysulfides, di-tert-Bu
PNEC	6.66 mg/kg food
Route of exposure	Predators
Duration of Exposure	Continuous

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.
In case of simultaneous exposure to several air pollutants, their combined effects shall be considered. In assessing exposure conditions, the body weight and absorption of certain substances through the skin shall be taken into account in addition to the concentration of air pollutants in inhaled air. The person who plans and carries out the air pollution measurement shall have sufficient knowledge to do so. Measurements shall be taken using appropriate methods and equipment. Exposure measurements relate to conditions during normal operation. Where necessary, they shall also highlight the exposure under other conditions. Exposure measurements shall be taken in the breathing zone on a sufficient number of persons to make it possible to assess the exposure of all exposed persons.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.
No specific requirements

Respiratory Equipment

Type	Class	Colour	Standards	
Combination filter AXP1	-	Brown/White	EN14387, EN143	

Skin protection

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn	-	-	

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	> 0,4	> 480	EN374	

Eye protection

Type	Standards	
Wear safety glasses with side shields.	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state
Liquid

Colour
Yellowish

Odour / Odour threshold
Petroleum

pH
Not applicable

Density (g/cm³)
No data available

Relative density
0.8601 (15 °C)

Kinematic viscosity
83.75 centistokes (40 °C)

Particle characteristics
Not applicable

Phase changes

Melting point/Freezing point (°C)
Testing not relevant or not possible due to nature of the product.

Softening point/range (waxes and pastes) (°C)
Does not apply to liquids.

Boiling point (°C)
No data available

Vapour pressure
No data available

Relative vapour density
No data available

Decomposition temperature (°C)
Not applicable

Data on fire and explosion hazards

Flash point (°C)
183 °C

Ignition (°C)
223 °C

Auto flammability (°C)
No data available

Lower and upper explosion limit (% v/v)
No data available

Solubility

Solubility in water
Insoluble

n-octanol/water coefficient
No data available

Solubility in fat (g/L)
No data available

9.2. Other information

Evaporation rate (n-butylacetate = 100)
No data available

Other physical and chemical parameters
No data available

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available

10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.

10.3. Possibility of hazardous reactions
No special

10.4. Conditions to avoid
No special

10.5. Incompatible materials
Strong acids, bases, oxidizing agents and reducing agents.

10.6. Hazardous decomposition products
The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity
Harmful if inhaled.

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/irritation
Causes serious eye damage.

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

Skin sensitisation
May cause an allergic skin reaction.

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

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

Aspiration hazard
May be fatal if swallowed and enters airways.

11.2. Information on other hazards
Long term effects
Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Endocrine disrupting properties
No special

Other information
The assessment of the properties of the constituents is based primarily on information in the ECHA database of registered substances, and the classification and labelling register.

SECTION 12: Ecological information

12.1. Toxicity
No data available

12.2. Persistence and degradability

Product/substance	(Z)-octadec-9-enylamine
Biodegradable	Yes

Test method
Result

12.3. Bioaccumulative potential
No data available

12.4. Mobility in soil
No data available

12.5. Results of PBT and vPvB assessment
This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Endocrine disrupting properties
No special

12.7. Other adverse effects
The assessment of the properties of the constituents is based primarily on information in the ECHA database of registered substances, and the classification and labelling register.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Product is covered by the regulations on hazardous waste.
HP 6 - Acute toxicity
HP 14 – Ecotoxic
Dispose of contents/container to an approved waste disposal plant.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code
13 02 05* Mineral-based non-chlorinated engine, gear and lubricating oils
15 01 10* Packaging containing residues of or contaminated by dangerous substances

Specific labelling
Before handling waste, see Section 8, Exposure controls/personal protection. Contamination of the product with hazardous substances during use cannot be ruled out and therefore the properties of the waste do not fully correspond to those of the original product. It is therefore always the user's responsibility to classify the waste. Hazardous waste shall be transported to an approved waste facility by an authorised carrier.

Contaminated packing
Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

14.1. - 14.4.
This product is within scope of the regulations of transport of dangerous goods.
These substances when carried in single or combination packaging's containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of ADR/IMDG/IATA provided the packaging's meet the general provisions of 4.1.1.1, 4.1.1.2, 4.1.1.4 - 4.1.1.8 (ADR, IMDG) / 5.0.2.4.1, 5.0.2.6.1.1, 5.0.2.8 (IATA)

ADR/RID

UN- or ID number	UN proper shipping name	Labels	Packing group	Tunnel restriction code
3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Polysulfides, di-tert-Bu, (Z)-octadec-9-enylamine)	9	III	3 (-)

IMDG

UN- or ID number	UN proper shipping name	Labels	Packing group	EmS
3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Polysulfides, di-tert-Bu, (Z)-octadec-9-enylamine)	9	III	F-A, S-F

MARINE POLLUTANT

Yes

IATA

UN- or ID number	UN proper shipping name	Labels	Packing group
3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Polysulfides, di-tert-Bu, (Z)-octadec-9-enylamine)	9	III

14.5. Environmental hazards

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

Restrictions for application

People under the age of 18 shall not be exposed to this product.

Demands for specific education

No specific requirements

SEVESO - Categories / dangerous substances

E1 - ENVIRONMENTAL HAZARDS, Qualifying quantity (lower-tier): 100 tonnes / (upper-tier): 200 tonnes

Additional information

Tactile warning.

Sources

The employer is obliged to continuously keep abreast of the current regulations pertaining to the activity in question.

The Management of Health and Safety at Work Regulations 1999

Control of Major Accident Hazards (COMAH) Regulations 2015.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

CLP Regulation (EC) No 1272/2008, as retained and amended in UK law.

EC-Regulation 1907/2006 (REACH), as amended by UK REACH Regulations SI 2019/758

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H290, May be corrosive to metals.

H302, Harmful if swallowed.

H304, May be fatal if swallowed and enters airways.

H311, Toxic in contact with skin.

H314, Causes severe skin burns and eye damage.

H317, May cause an allergic skin reaction.
H318, Causes serious eye damage.
H330, Fatal if inhaled.
H335, May cause respiratory irritation.
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.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit.
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVCB = Complex hydrocarbon substance
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)
The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The safety data sheet is validated by

Future Competence Sweden AB

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not

necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
Country-language: GB-en