SAFETY DATA SHEET

GEWF

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

1.1. Product Identifier

Trade name

GEWF

Product no.

1613, 1620

Unique formula identifier (UFI)

5VGG-EJ6Q-YNMT-SETC

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

▼Relevant identified uses of the substance or mixture

Histology/Pathology
Restricted to professional and industrial use.

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Solveco AB
Tallbacksgatan 10
195 72 Rosersberg
Sweden
T: +46 (0)8 732 72 75
F: +46 (0)8 732 72 76
http://www.solveco.se

Contact person

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▼Revision

04/11/2026

▼SDS Version

4.0

▼Date of previous version

07/02/2025 (3.0)

1.4. Emergency telephone number

In urgent situations: Call 112 and request the poison information centre. (24h service)
In less severe situations: Call 010-456 6700 (24h service)
See also section 4 “First aid measures”.

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP).

2.1. Classification of the substance or mixture

Flam. Liq. 2; H225, Highly flammable liquid and vapour.
Skin Irrit. 2; H315, Causes skin irritation.
Skin Sens. 1; H317, May cause an allergic skin reaction.

Eye Irrit. 2; H319, Causes serious eye irritation.
Muta. 2; H341, Suspected of causing genetic defects.
Carc. 1B; H350, May cause cancer.

2.2. ▼Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Highly flammable liquid and vapour. (H225)
Causes skin irritation. (H315)
May cause an allergic skin reaction. (H317)
Causes serious eye irritation. (H319)
Suspected of causing genetic defects. (H341)
May cause cancer. (H350)

▼Precautionary statement(s)

▼General

Not applicable.

Prevention

Obtain special instructions before use. (P201)
Wear eye protection/protective gloves/protective clothing. (P280)

Response

IF exposed or concerned: Get medical advice/attention. (P308+P313)
If skin irritation or rash occurs: Get medical advice/attention. (P333+P313)

Storage

Store in a well-ventilated place. Keep cool. (P403+P235)

▼Disposal

Dispose of contents/container in accordance with local regulation. (P501)

Hazardous substances

Ethanol
Formaldehyde

Additional labelling

Restricted to professional users.

UFI: 5VGG-EJ6Q-YNMT-SETC

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. ▼Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 REACH: 01-2119457610-43-xxxx	40-60%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	

	Index No.: 603-002-00-5			
Acetic acid	CAS No.: 64-19-7 EC No.: 200-580-7 REACH: 01-2119475328-30-xxxx Index No.: 607-002-00-6	5-10%	Flam. Liq. 3, H226 Skin Corr. 1A, H314 (SCL: 90.00 %) Skin Corr. 1B, H314 (SCL: 25.00 %)	[1], [3]
Formaldehyde	CAS No.: 50-00-0 EC No.: 200-001-8 REACH: 01-2119488953-20-XXXX Index No.: 605-001-00-5	3-5%	Acute Tox. 3, H301 Acute Tox. 3, H311 Skin Corr. 1B, H314 (SCL: 25.00 %) Skin Irrit. 2, H315 (SCL: 5.00 %) Skin Sens. 1, H317 (SCL: 0.20 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 2, H330 Acute Tox. 3, H331 STOT SE 3, H335 (SCL: 5.00 %) Muta. 2, H341 Carc. 1B, H350	[1], [3]

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

Other information

[1] European occupational exposure limit.
[3] According to REACH, Annex XVII, the substance is subject to restrictions.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

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 person into fresh air and stay with him/her.

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

If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

▼Ingestion

If the person is conscious, rinse the mouth with water and stay with the person.
In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

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

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.
Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system.
Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in

the breaking down of the skin's natural fat layer and 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.
If skin irritation or rash occurs: Get 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

Highly flammable liquid and vapour.
In use may form flammable/explosive vapour-air 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 112, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.
Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Contaminated areas may be slippery.

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.
Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. ▼Precautions for safe handling

Ground and bond container and receiving equipment.
Use explosion-proof electrical/lighting/ventilating equipment.
Use non-sparking tools.

Take action to prevent static discharges.
Avoid direct contact with the product.
Avoid contact during pregnancy and while nursing.
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

Store locked up. A sign warning of toxic materials shall be affixed the room and cupboard containing the product(s).
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Take action to prevent static discharges.
Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

Recommended storage material

Keep only in original packaging.

Storage conditions

Bevara torrt, svalt och i ett välventilerat utrymme i originalförpackning, ej i direkt solljus och frånskild brandfarliga kemikalier eller andra inkompatibla material.

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong 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

Ethanol
Short term exposure limit (15 minutes) (ppm): 1000
Short term exposure limit (15 minutes) (mg/m³): 1900
Long term exposure limit (8 hours) (ppm): 500
Long term exposure limit (8 hours) (mg/m³): 1000
Annotations:
V = Indicative short term limit.

Acetic acid
Short term exposure limit (15 minutes) (ppm): 10
Short term exposure limit (15 minutes) (mg/m³): 25
Long term exposure limit (8 hours) (ppm): 5
Long term exposure limit (8 hours) (mg/m³): 13

Formaldehyde
Short term exposure limit (15 minutes) (ppm): 0,6
Short term exposure limit (15 minutes) (mg/m³): 0,74
Long term exposure limit (8 hours) (ppm): 0,3
Long term exposure limit (8 hours) (mg/m³): 0,37
Annotations:
C = The substance is carcinogenic.
H = The substance is easily absorbed through the skin.
SH = Sensitizing substances that can cause allergies or other hypersensitivity in the skin.

The Swedish Work Environment Authority's regulations and general guideline (AFS 2023:14) on limit values for respiratory exposure in the work environment.

DNEL

Acetic acid

Duration:	Route of exposure:	DNEL:
Long term – Local effects - Workers	Dermal	10 mg/kg kroppsvikt/dag
Long term – Local effects - General population	Inhalation	25 mg/m3

Long term – Local effects - Workers	Inhalation	25 mg/m3
Short term – Local effects - General population	Inhalation	25 mg/m3
Short term – Local effects - Workers	Inhalation	25 mg/m3

Formaldehyde

Duration:	**Route of exposure:**	**DNEL:**
Long term – Local effects - General population	Dermal	12 µg/cm²
Long term – Local effects - Workers	Dermal	37 µg/cm²
Long term – Systemic effects - General population	Dermal	102 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	240 mg/kg bw/day
Long term – Local effects - General population	Inhalation	100 µg/m³
Long term – Local effects - Workers	Inhalation	375 µg/m³
Long term – Systemic effects - General population	Inhalation	3.2 mg/m³
Long term – Systemic effects - Workers	Inhalation	9 mg/m³
Short term – Local effects - Workers	Inhalation	750 µg/m³
Long term – Systemic effects - General population	Oral	4.1 mg/kg bw/day

PNEC

Acetic acid

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		3,058 mg/l
Freshwater sediment		11,36 mg/kg
Intermittent release		30,58 mg/l
Marine water		0,3058 mg/l
Marine water sediment		1,136 mg/kg
Sewage treatment plant		85 mg/l
Soil		0,478 mg/kg

Formaldehyde

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		440 µg/L
Freshwater sediment		2.3 mg/kg
Intermittent release (freshwater)		4.44 mg/L
Marine water		440 µg/L
Marine water sediment		2.3 mg/kg
Sewage treatment plant		190 µg/L
Soil		200 µg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Do not recirculate outlet air that contain the substances.
The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.
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.

Respiratory Equipment

Type	Class	Colour	Standards	
AX	Class 1 (low capacity)	Brown	EN14387	

Skin protection

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

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	-	-	EN374-2	
Butyl	-	-	EN374-2, EN374-3, EN388, EN421	

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

Colourless

Odour / Odour threshold

Alcohol odor

▼pH

No data available.

Density (g/cm^3)
0.9
▼Kinematic viscosity
No data available.
Particle characteristics
Does not apply to liquids.
Phase changes
▼Melting point/Freezing point (°C)
No data available.
Softening point/range (°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)
No data available.
Data on fire and explosion hazards
▼Flash point (°C)
No data available.
Flammability (°C)
The material is ignitable.
▼Auto-ignition temperature (°C)
No data available.
▼Lower and upper explosion limit (% v/v)
No data available.
Solubility
Solubility in water
Completely soluble
▼n-octanol/water coefficient (LogKow)
No data available.
▼Solubility in fat (g/L)
No data available.
9.2. Other information
Other physical and chemical parameters
No data available.
▼Oxidizing properties
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
None known.
10.4. Conditions to avoid
Avoid static electricity.
Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.
10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. ▼Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

▼Acute toxicity

Product/substance	Ethanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	6200.00 mg/kg

Product/substance	Ethanol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>20000.00 mg/kg

Product/substance	Ethanol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50 (4 hours)
Result:	124.70 mg/L

Product/substance	Acetic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3,310 mg/kg

Product/substance	Acetic acid
Species:	Mouse
Route of exposure:	Inhalation
Test:	LC50
Result:	5620 ppm

Product/substance	Acetic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	(4 h) 11,4 mg/L

Product/substance	Formaldehyde
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	640 mg/kg
Other information:	Test concentration 35%

Product/substance	Formaldehyde
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	270
Other information:	Test concentration 35%

Product/substance	Formaldehyde
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	463
Other information:	Test concentration 35%

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

Skin corrosion/irritation

Product/substance	Acetic acid
Species:	Rabbit
Duration:	No data available.
Result:	Adverse effect observed (Highly corrosive)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	Acetic acid
Species:	Rabbit
Duration:	No data available.
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye irritation.

Respiratory sensitization

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

Skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Suspected of causing genetic defects.

Carcinogenicity

May cause cancer.

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

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

▼Symptoms related to the physical, chemical and toxicological characteristics

Carcinogenic effects: This product contains substances considered or proven to be carcinogenic. The carcinogenic effects may be triggered subsequent to exposure through inhalation, skin contact or ingestion.
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.
Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

11.2. Information on other hazards

▼Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

Formaldehyde has been classified by IARC as a group 1.

SECTION 12: Ecological information

12.1. ▼Toxicity

Product/substance	Ethanol
Species:	Fish (Pimephales promelas)
Duration:	96 hours
Test:	LC50
Result:	13480.00 mg/L

Product/substance	Ethanol
Species:	Algae (Scenedesmus subspicatus)
Duration:	7 days
Test:	IC50
Result:	5000.00 mg/L

Product/substance	Ethanol
Species:	Daphnia (Daphnia magna)
Duration:	48 hours
Test:	EC50
Result:	5400.00 mg/L

Product/substance	Ethanol
Species:	Algae
Duration:	72 hours
Test:	IC50
Result:	>10.9 mg/L

Product/substance	Acetic acid
Species:	Oncorhynchus mykiss (regnbågslax)
Duration:	96 hours
Test:	LC50
Result:	1000 mg/L

Product/substance	Acetic acid
Species:	Daphnia (Daphnia magna)
Duration:	48 hours
Test:	EC50
Result:	300,82 mg/L

Product/substance	Formaldehyde
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Result:	41

Product/substance	Formaldehyde
Species:	Fish, Pimephales promelas
Result:	24,1 mg/L

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

12.2. Persistence and degradability

Product/substance	Ethanol
Result:	0.4 - 0.8
Conclusion:	Readily biodegradable
Test:	BOD5/COD

Product/substance	Acetic acid
Conclusion:	Readily biodegradable
Test:	BOD5/COD

12.3. Bioaccumulative potential

Product/substance	Ethanol

Conclusion: No potential for bioaccumulation

12.4. Mobility in soil
No data available.

12.5. Results of PBT and vPvB assessment
This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. ▼Endocrine disrupting properties
This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects
None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Product is covered by the regulations on hazardous waste. (*)
HP 3 - Flammable
HP 6 - Acute toxicity
HP 7 – Carcinogenic
HP 8 – Corrosive
HP 11 – Mutagenic
Dispose of contents/container to an approved waste disposal plant.
Waste regulation (SFS 2020:614).

EWC code
20 01 13* Solvents

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

SECTION 14: Transport information

	14.1 UN / ID ***	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR/A DN/RID	UN1170	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	Transport hazard class: 3 Label: 3 Classification code: F1 	III	No	Limited quantities: 5 L Tunnel restriction code: (D/E) See below for additional information.
IMDG	UN1170	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	Transport hazard class: 3 Label: 3 Classification code: F1 	III	No	Limited quantities: 5 L EmS: F-E S-D See below for additional information.
IATA	UN1170	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	Transport hazard class: 3 Label: 3 Classification code: F1 	III	No	See below for additional information.

* Packing group
** Environmental hazards
*** UN number or ID number

▼Additional information

This product is within scope of the regulations of transport of dangerous goods.
ADR/ADN/RID / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.
IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.
IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

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

Restricted to professional users.
People under the age of 18 shall not work with this product. This does not apply if the working task is:
- performed by young people who have completed upper secondary education or equivalent education for the task or
- included in teaching that is located in a school premises or other place that is specially arranged for teaching, or
- included in supervisor-led internships for young people.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

P5c - FLAMMABLE LIQUIDS, Qualifying quantity (lower-tier): 5.000 tonnes / (upper-tier): 50.000 tonnes
Formaldehyde

▼REACH, Annex XVII

Formaldehyde is subject to REACH restrictions (entry 28; 72; 75; 77).
Ethanol is subject to REACH restrictions (entry 40).
Acetic acid is subject to REACH restrictions (entry 40).

Additional information

Use of the product by private persons requires permission from the County Administration (Länsstyrelsen).
Placing the product on on the market requires permission from the County Administration (Länsstyrelsen).

▼Sources

The Swedish Work Environment Authority's regulations and general guideline (AFS 2023:2) on planning and organizing work environment work - Chapter 8. The working environment of minors - basic obligations for you with employer responsibility
The Swedish Work Environment Authority's regulations and general guideline (AFS 2023:2) on planning and organizing work environment work - Chapter 7. Pregnant, recently given birth and breastfeeding employees - basic obligations for you with employer responsibility
The Swedish Civil Contingencies Agency 2015:8 regulations on measures to prevent and limit the consequences of serious chemical accidents.
Waste regulation (SFS 2020:614).
The Swedish Chemical Agency's Chemical Products and Biotechnical Organisms Regulations (KIFS 2017:7)
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H225, Highly flammable liquid and vapour.
H226, Flammable liquid and vapour.
H301, Toxic if swallowed.
H311, Toxic in contact with skin.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H330, Fatal if inhaled.
H331, Toxic if inhaled.
H335, May cause respiratory irritation.
H341, Suspected of causing genetic defects.
H350, May cause cancer.

▼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 (European conformity)
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
EC = Effective concentration
ED = Effective dose
EINECS = European Inventory of Existing Commercial chemical Substances
EL = Effective Loading
ErC = Concentration associated with x% growth rate response
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
HP = Hazardous Property code
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IC = X maximum inhibitory concentration
IMDG = International Maritime Dangerous Goods
LC = Lethal concentration
LCLo = Value is the lowest concentration of a material in air reported to have caused the death of animals or humans
LD = Lethal dose
LOAEC = Lowest Observed Adverse Effect Concentration
LOAEL = Lowest Observed Adverse Effect Level
LOEC = Lowest Observed Effect Concentration
LogKow = logarithm of the n-octanol/water coefficient
LL = Lethal Loading
M = For multiplication factor
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NOAEC = No Observed Adverse Effect Concentration
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
NOELR = No Observable Effect Loading Rate
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 = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).
The classification of the mixture in regard to physical hazards has been based on experimental data.

The safety data sheet is validated by

Christian Andersson

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a 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.
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