

SAFETY DATA SHEET

Truck Clean

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

1.1. Product identifier

Trade name

Truck Clean

Product no.

INDTRUCK

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

Relevant identified uses of the substance or mixture

Cleaning product

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Kitchenmaster NI Ltd

11 Comber Road,

BT8 8AN Belfast

United Kingdom

028 9081477 02890812881

sales@kitchenmaster-ni.com

E-mail

sales@kitchenmaster-ni.com

Revision

20/02/2023

SDS Version

1.0

1.4. Emergency telephone number

In an emergency call 999 (24 h service). Otherwise contact your general practitioner (GP).

GP Out-of-Hours phone numbers (weekdays 6 pm - 8 am ; Saturday, Sundays and holidays 24 h) are:

Belfast HSC Trust: (North & West) 028 9074 4447 ; (South & East) 028 9079 6220

Dalriada Urgent Care (Northern Trust area): 028 2566 3500

South Eastern HSC Trust: (North Down & Ards) 028 9182 2344 : (Lisburn & Downpatrick) 028 9260 2204

Southern HSC Trust: 028 3839 9201

Western Urgent Care: 028 7186 5195

See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.

Skin Corr. 1; H314, Causes severe skin burns and eye damage.

Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Hazard statement(s)

May be corrosive to metals. (H290)
Causes severe skin burns and eye damage. (H314)

Safety statement(s)

General

-

Prevention

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves/protective clothing. (P280)

Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. (P303+P361+P353)
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 in a container with a resistant inner liner. (P406)

Disposal

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

Hazardous substances

disodium metasilicate
Alcohols, C12-13, branched and linear, ethoxylated(N237-9)
Dodecyltrimethylamine oxide
sodium hydroxide;caustic soda

Additional labelling

Not applicable.

2.3. Other hazards

Additional warnings

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

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) 2018/605.

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
disodium metasilicate	CAS No.: 6834-92-0 EC No.: 229-912-9 REACH: 01-2119449811-37-XXXX Index No.: 014-010-00-8	3-5%	Met. Corr. 1, H290 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335	
propan-2-ol;isopropyl alcohol;isopropanol	CAS No.: 67-63-0 EC No.: 200-661-7 REACH: 01-2119457558-25-XXXX Index No.: 603-117-00-0	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Alcohols, C12-13, branched and linear, ethoxylated(N237-9)	CAS No.: 160901-19-9 EC No.: 500-457-0 REACH: 01-2119490233-42-XXXX Index No.:	1-3%	Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412	
Dodecyltrimethylamine oxide	CAS No.: 1643-20-5 EC No.: 216-700-6 REACH: Index No.:	1-3%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1)	
sodium hydroxide;caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5 REACH: 01-2119457892-27-XXXX Index No.: 011-002-00-6	<1%	Met. Corr. 1, H290 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Corr. 1A, H314 Skin Irrit. 2, H315 (SCL: 0.50 %)	

Eye Dam. 1, H318 (SCL: 2.00 %)
Eye Irrit. 2, H319 (SCL: 0.50 %)

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

Other information

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Labelling of contents according to Detergents Regulation (EC) No 648/2004

< 5%

- Amphoteric surfactants
- Non-ionic surfactants

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

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

Upon irritation of the eye: Remove contact lenses. Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit returning mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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)

Some metal oxides

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

Avoid direct contact with spilled substances.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

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

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.

Store in a container with a resistant inner liner.

Recommended storage material

Always store in containers of the same material as the original container.

Storage temperature

No specific requirements

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

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

DNEL

Alcohols, C12-13, branched and linear, ethoxylated(N237-9)

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	83.3 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	233 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	4.36 mg/m ³
Long term – Systemic effects - Workers	Inhalation	24.5 mg/m ³
Long term – Systemic effects - General population	Oral	1.67 mg/kg bw/day

disodium metasilicate

Duration:	Route of exposure:	DNEL:
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According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Long term – Systemic effects - General population	Dermal	740 µg/kgbw/day
Long term – Systemic effects - Workers	Dermal	1.49 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1.55 mg/m ³
Long term – Systemic effects - Workers	Inhalation	6.22 mg/m ³
Long term – Systemic effects - General population	Oral	740 µg/kgbw/day
Dodecyltrimethylamine oxide		
Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	5.5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	11 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1.53 mg/m ³
Long term – Systemic effects - Workers	Inhalation	6.2 mg/m ³
Long term – Systemic effects - General population	Oral	440 µg/kgbw/day
propan-2-ol;isopropyl alcohol;isopropanol		
Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	319 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	888 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	89 mg/m ³
Long term – Systemic effects - Workers	Inhalation	500 mg/m ³
Short term – Systemic effects - General population	Inhalation	178 mg/m ³
Short term – Systemic effects - Workers	Inhalation	1000 mg/m ³
Long term – Systemic effects - General population	Oral	26 mg/kg bw/day
Short term – Systemic effects - General population	Oral	51 mg/kg bw/day
PNEC		
Alcohols, C12-13, branched and linear, ethoxylated(N237-9)		
Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		1.23 µg/L
Freshwater sediment		29 µg/kg
Intermittent release (freshwater)		1.795 µg/L
Intermittent release (marine water)		179 ng/L
Marine water		123 ng/L
Marine water sediment		2.9 µg/kg
Sewage treatment plant		200 µg/L
Soil		8.6 µg/kg
disodium metasilicate		
Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		7.5 mg/L
Intermittent release (freshwater)		7.5 mg/L
Marine water		1 mg/L
Sewage treatment plant		1 g/L
Dodecyltrimethylamine oxide		
Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		33.5 µg/L
Freshwater sediment		5.24 mg/kg

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Intermittent release (freshwater)	33.5 µg/L
Intermittent release (marine water)	3.35 µg/L
Marine water	3.35 µg/L
Marine water sediment	524 µg/kg
Predators	11.1 mg/kg
Sewage treatment plant	24 mg/L
Soil	1.02 mg/kg

propan-2-ol;isopropyl alcohol;isopropanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		140.9 mg/L
Freshwater sediment		552 mg/kg
Intermittent release (freshwater)		140.9 mg/L
Marine water		140.9 mg/L
Marine water sediment		552 mg/kg
Predators		160 mg/kg
Sewage treatment plant		2.251 g/L
Soil		28 mg/kg

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.

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

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

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

8.3. Individual protection measures, such as personal protective equipment

Generally

Wash contaminated clothing before reuse.

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements

Skin protection

Recommended	Type/Category	Standards
Alkali resistant protective clothing		



Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Latex/Neoprene	0,68	> 480	EN374-2, EN374-3, EN388, EN421



Eye protection

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Type	Standards
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Safety glasses with side shields.	EN166
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Clear, Colourless

Odour / Odour threshold

Alcohol odor

pH

Testing not relevant or not possible due to the nature of the product.

Density (g/cm³)

Testing not relevant or not possible due to the nature of the product.

Relative density

1.02 - 1.04 kg/l(at 20°C)

Kinematic viscosity

Testing not relevant or not possible due to the nature of the product.

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

Testing not relevant or not possible due to the nature of the product.

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

Testing not relevant or not possible due to the nature of the product.

Vapour pressure

Testing not relevant or not possible due to the nature of the product.

Relative vapour density

Testing not relevant or not possible due to the nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)

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Flammability (°C)

Testing not relevant or not possible due to the nature of the product.

Auto-ignition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to the nature of the product.

Solubility

Solubility in water

Testing not relevant or not possible due to the nature of the product.

n-octanol/water coefficient

Testing not relevant or not possible due to the nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

9.2. Other information

Other physical and chemical parameters

No data available.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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

None known.

10.5. Incompatible materials

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

Product/substance	disodium metasilicate
Test method:	
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1152 mg/kg
Other information:	

Product/substance	disodium metasilicate
Test method:	
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50 (4 hours)
Result:	>2.06 g/m ³
Other information:	

Product/substance	disodium metasilicate
Test method:	
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>5000
Other information:	

Product/substance	propan-2-ol;isopropyl alcohol;isopropanol
Test method:	
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	4710 mg/kg
Other information:	

Product/substance	propan-2-ol;isopropyl alcohol;isopropanol
Test method:	
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	15800 mg/kgbw
Other information:	

Product/substance	propan-2-ol;isopropyl alcohol;isopropanol
Test method:	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Species: Rabbit
Route of exposure: Dermal
Test: LD50
Result: 12800 mg/kgbw
Other information:

Product/substance: propan-2-ol;isopropyl alcohol;isopropanol
Test method:
Species: Rat
Route of exposure: Inhalation
Test: LC50 (4 hours)
Result: 72,6 mg/L
Other information:

Product/substance: Alcohols, C12-13, branched and linear, ethoxylated(N237-9)
Test method:
Species: Rabbit
Route of exposure: Dermal
Test: LD50
Result: >2000 mg/kg
Other information:

Product/substance: Alcohols, C12-13, branched and linear, ethoxylated(N237-9)
Test method:
Species: Rat
Route of exposure: Oral
Test: LD50
Result: >300 mg/kg
Other information:

Product/substance: sodium hydroxide;caustic soda
Test method:
Species: Rat
Route of exposure: Oral
Test: LD50
Result: >2000 mg/kg
Other information:

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory sensitisation

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

Skin sensitisation

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

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.

11.2. Information on other hazards

Long term effects

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Endocrine disrupting properties

Not applicable.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance: disodium metasilicate
 Test method:
 Species: Fish, Brachydanio rerio
 Compartment:
 Duration: 96 hours
 Test: LC50
 Result: 210 mg/L
 Other information:

Product/substance: disodium metasilicate
 Test method:
 Species: Algae, Scenedesmus subspicatus
 Compartment:
 Duration: 72 hours
 Test: EC50
 Result: 207 mg/L
 Other information:

Product/substance: disodium metasilicate
 Test method:
 Species: Daphnia, Daphnia magna
 Compartment:
 Duration: 48 hours
 Test: EC50
 Result: 1700 mg/L
 Other information:

Product/substance: propan-2-ol;isopropyl alcohol;isopropanol
 Test method:
 Species: Fish
 Compartment:
 Duration:
 Test: LC50
 Result: 4200 mg/L
 Other information:

Product/substance: propan-2-ol;isopropyl alcohol;isopropanol
 Test method:
 Species: Daphnia, Daphnia magna
 Compartment:
 Duration: 48 hours
 Test: EC50
 Result: 13300 mg/L
 Other information:

Product/substance: propan-2-ol;isopropyl alcohol;isopropanol
 Test method:
 Species: Algae, Desmodesmus subspicatus
 Compartment:
 Duration: 72 hours
 Test: EC50
 Result: >1000 mg/L
 Other information:

Product/substance: Alcohols, C12-13, branched and linear, ethoxylated(N237-9)
 Test method:

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Species: Daphnia, Daphnia magna
 Compartment:
 Duration: 48 hours
 Test: EC50
 Result: 1 mg/L
 Other information:

Product/substance Dodecyldimethylamine oxide
 Test method:
 Species: Fish
 Compartment:
 Duration: 96 hours
 Test: LC50
 Result: <1 mg/L
 Other information:

Product/substance sodium hydroxide;caustic soda
 Test method:
 Species: Fish, Brachydanio rerio
 Compartment:
 Duration: 96 hours
 Test: LC50
 Result: 210 mg/L
 Other information:

Product/substance sodium hydroxide;caustic soda
 Test method:
 Species: Daphnia, Daphnia magna
 Compartment:
 Duration: 48 hours
 Test: EC50
 Result: 1700 mg/L
 Other information:

Product/substance sodium hydroxide;caustic soda
 Test method:
 Species: Algae, Scenedesmus subspicatus
 Compartment:
 Duration: 72 hours
 Test:
 Result: 213 mg/L
 Other information:

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

Product/substance propan-2-ol;isopropyl alcohol;isopropanol
 Test method:
 Potential bioaccumulation: No data available.
 LogPow: 2,97
 BCF: <100
 Other information:

12.4. Mobility in soil

propan-2-ol;isopropyl alcohol;isopropanol
 LogKoc = 0.117995, High mobility potential.

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

Not applicable.

12.7. Other adverse effects

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

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

SECTION 13: Disposal considerations

Waste treatment methods

Product is covered by the regulations on hazardous waste.
 HP 8 – Corrosive
 Dispose of contents/container to an approved waste disposal plant.
 Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

Not applicable.

Specific labelling

Not applicable.

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) Labels: 8 Classification code: C9	14.4 PG*	14.5 Env**	Other information:
ADR	UN1760	CORROSIVE LIQUID, N.O.S. (disodium metasilicate, sodium hydroxide;caustic soda)	Class: 8 Labels: 8 Classification code: C9 	I	No	Limited quantities: 0 Tunnel restriction code: (E) See below for additional information.
IMDG	UN1760	CORROSIVE LIQUID, N.O.S. (disodium metasilicate, sodium hydroxide;caustic soda)	Class: 8 Labels: 8 Classification code: C9 	I	No	Limited quantities: 0 EmS: F-A S-B See below for additional information.
IATA	UN1760	CORROSIVE LIQUID, N.O.S. (disodium metasilicate, sodium hydroxide;caustic soda)	Class: 8 Labels: 8 Classification code: C9 	I	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

ADR / 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.

This product is within scope of the regulations of transport of dangerous goods.

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 be exposed to this product.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Sources

Management of health and safety at work regulations (Northern Ireland) 2000 (No. 388).

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

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

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.

H290, May be corrosive to metals.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

H336, May cause drowsiness or dizziness.

H400, Very toxic to aquatic life.

H412, Harmful 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

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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
UVBC = 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 substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by Regulation (EC) No. 1272/2008 (CLP).

The safety data sheet is validated by

Christopher Murray

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.

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