



according to 1907/2006/EC, Article 31

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YELLOW DEGREASING POWDER

Revision 8

Revision date 01/01/2017

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

1.1. Product Identifier

Product name	YELLOW DEGREASING POWDER
Product code	03620

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

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);
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1.3. Details of the supplier of the safety data sheet

Company	TRUST HYGIENE SERVICES LEAMORE LANE BLOXWICH WALSALL WEST MIDLANDS WS2 7PS 0370 3500 988
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1.4. Emergency telephone number

Emergency telephone number	Mon-Fri Office 9am-5pm - 0370 3500 988 111 NHS - Out of Office Hours
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC	Xi; R36/38 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes and skin.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1A: H314;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
Precautionary Statement: Prevention	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

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2.2. Label elements

Precautionary Statement: Disposal	Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/physician. P363 - Wash contaminated clothing before reuse.
	P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.
Further information	
	Contains: disodium metasilicate.

SECTION 3: Composition/information on ingredients

3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc.	Classification
Sodium carbonate	011-005-00-2	497-19-8	207-838-8	01-2119485498-19-0018	80 - 90%	Xi; R36
Disodium metasilicate	014-010-00-8	6834-92-0	229-912-9	01-2119449811-37	1 - 10%	C; R34 Xi; R37
C9-11 Alcohol Ethoxylate 6-8 moles EO (*R01)		68439-46-3			1 - 10%	Xn; R22 Xi; R41
sodium alkylbenzenesulphonate		90194-45-9	290-656-6	01-2119490234-40-0026	1 - 10%	Xn; R22 Xi; R38-41

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Sodium carbonate	011-005-00-2	497-19-8	207-838-8	01-2119485498-19-0018	80 - 90%	Eye Irrit. 2: H319;
Disodium metasilicate	014-010-00-8	6834-92-0	229-912-9	01-2119449811-37	1 - 10%	Skin Corr. 1B: H314; STOT SE 3: H335;
C9-11 Alcohol Ethoxylate 6-8 moles EO (*R01)		68439-46-3			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;
sodium alkylbenzenesulphonate		90194-45-9	290-656-6	01-2119490234-40-0026	1 - 10%	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Causes burns. Causes severe inflammation and may damage the cornea. Wash with water. Seek medical attention.
Skin contact	Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

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

Inhalation	Irritant, severe respiratory.
Eye contact	Causes severe burns.
Skin contact	Causes severe burns.
Ingestion	Causes severe burns.

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

	No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.
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5.1. Extinguishing media

Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.

5.2. Special hazards arising from the substance or mixture

Corrosive. Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

7.3. Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls



Adopt best Manual Handling considerations when handling, carrying and dispensing. Take off immediately all contaminated clothing. Avoid contact with skin and eyes. Wash hands after handling the product.

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Safety glasses.

Skin protection - Hand protection

Chemical resistant gloves (PVC).

Respiratory protection

Not normally required. Do not breathe gas/fumes/vapour/spray.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

State	Powder
Colour	Yellow
Odour	Characteristic
pH	> 11.5 @ 1%
Melting point	No data available
Freezing Point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability limits	No data available
Vapour Flammability	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	Not relevant
Explosive	No data available
Oxidising	No data available
Solubility	Soluble in water

9.2. Other information

Conductivity	No data available
Surface tension	Not relevant
Bulk Density	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No other adverse effects known.

10.4. Conditions to avoid

Avoid contact with: Acids.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	Causes burns.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
	No observed effect level.

11.1.4. Toxicological Information

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11.1.4. Toxicological Information

C9-11 Alcohol Ethoxylate 6-8 moles EO (*R01)	Inhalation Rat LC50/15min: NDA Oral Rat LD50: 200 - 2000 mg/kg Dermal Rabbit LD50: NDA	Dermal Rat LD50: NDA Oral Mouse LD50: NDA Dermal Guinea Pig LD50: NDA
Disodium metasilicate	Inhalation Rat LC50/15min: NDA Oral Rat LD50: 847 mg/kg Dermal Rabbit LD50: NDA	Dermal Rat LD50: NDA Oral Mouse LD50: NDA Dermal Guinea Pig LD50: NDA
sodium alkylbenzenesulphonate	Inhalation Rat LC50/15min: NDA Oral Rat LD50: NDA Dermal Rabbit LD50: NDA	Dermal Rat LD50: NDA Oral Mouse LD50: NDA Dermal Guinea Pig LD50: NDA
Sodium carbonate	Inhalation Rat LC50/15min: NDA Oral Rat LD50: 2800 mg/kg Dermal Rabbit LD50: >2000mg/kg	Dermal Rat LD50: NDA Oral Mouse LD50: NDA Dermal Guinea Pig LD50: NDA

SECTION 12: Ecological information

12.1. Toxicity

C9-11 Alcohol Ethoxylate 6-8 moles EO (*R01)	Daphnia EC50/48h: 100.0000 mg/l Algae EC50/72h: NDA	Fish LC50/96h: 100.0000 mg/l
Disodium metasilicate	Algae EC50/72h: NDA Guppy LC50/96h: NDA	Daphnia LC50/48h: NDA
sodium alkylbenzenesulphonate	Algae EC50/72h: NDA Guppy LC50/96h: NDA	Daphnia LC50/48h: NDA
Sodium carbonate	Daphnia EC50/48h: 227.0000 mg/l Algae EC50/72h: NDA	Fish LC50/96h: 300.0000 mg/l

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

12.6. Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal of packaging

Dispose of in compliance with all local and national regulations.
Empty containers can be cleaned with water.

Further information

European Waste Catalogue: 20 01 15 alkalines.

SECTION 14: Transport information

Hazard pictograms

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Hazard pictograms



14.1. UN number

UN3253

14.2. UN proper shipping name

DISODIUM TRIOXOSILICATE

14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

14.4. Packing group

Packing group III

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	80
Tunnel Category	(E)

IMDG

EmS Code F-A S-B

IATA

Packing Instruction (Cargo)	864
Maximum quantity	100 kg
Packing Instruction (Passenger)	860
Maximum quantity	25 kg

SECTION 15: Regulatory information

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

Ingredients according to EC Detergent regulations shown in section 16 if applicable.

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture.

Further information

Classified as H314 due to pH of concentrated product being >11.5.

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention.
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Other information

	<p>2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal. 2 - Further information. 9 - 9.1. Information on basic physical and chemical properties (PH). 14 - ADR/RID. 14 - IMDG. 14 - IATA. 15 - Further information.</p>
Acronyms	<p>LC: Lethal concentration. LD: Lethal dose. NDA - No data available. NOAEC: No observed adverse effect concentration. NOAEL: No observed adverse effect level. NOEC: No observed effect concentration. NOEL: No observed effect level. PBT: Persistent, bioaccumulative and toxic. SVHC. Substance of very high concern. vPvB. Very persistent and very bioaccumulative. *R01 - Polymer REACH number not available.</p>
Text of risk phrases in Section 3	<p>R22 - Harmful if swallowed. R34 - Causes burns. R36 - Irritating to eyes. R37 - Irritating to respiratory system. R38 - Irritating to skin. R41 - Risk of serious damage to eyes.</p>
Text of Hazard Statements in Section 3	<p>Eye Irrit. 2: H319 - Causes serious eye irritation. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. STOT SE 3: H335 - May cause respiratory irritation. Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage. Skin Irrit. 2: H315 - Causes skin irritation.</p>
Labelling for contents	<p>anionic surfactants 0% - < 5% non-ionic surfactants 0% - < 5%</p>
Further information	
	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p>

Legal Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.