

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

#### 1.1 Product Identifier

**Product Name:** Degrease IT

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

**Identified Use(s):** Consumer use, Professional use. Cleaning/washing agents and additives

**Uses Advised Against:** No additional information available

#### 1.3 Details of the supplier of the safety data sheet

**Company Name:** Polycote UK LLP  
 Centre Point  
 Wolsley Road  
 Woburn Road Industrial Estate  
 Kempston  
 Beds  
 MK42 7EF

**Telephone Number:** 01234 846400

**Emergency Contact Number:** 111 (NHS England)

**Email address:** [uksales@polycote.com](mailto:uksales@polycote.com)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture:

**Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures: SDS < 2015 : Show CLP information only**

Skin corrosion/irritation, Category 1 H314

Serious eye damage/eye irritation, Category 1 H318

Full text of H-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. Causes serious eye damage.

#### 2.2 Label elements

**According to Regulation (EC) No. 1272/2008 (CLP):**

**Hazard pictograms:**



**Signal word:**

Danger

**Contains**

<5% NTA (nitrilotriacetic acid) and salts thereof, anionic surfactants, non-ionic surfactants.

**Hazard statements:**

H314 - Causes severe skin burns and eye damage.

**Precautionary statements:**

P101 - If medical advice is needed, have product container or label at hand.  
 P102 - Keep out of reach of children.  
 P280 - Wear eye protection, face protection.  
 P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a doctor.  
 P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a doctor.  
 P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.  
 P405 - Store locked up.

2.3 Other hazards:

No additional information available

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances: Not applicable

3.2 Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
SODIUM METASILICATE PENTAHYDRATE	CAS-No.: 6834-92-0 EC-No.: 229-912-9 EC Index-No.: 014-010-00-8 REACH-no: 01-2119449811-37	≥ 1 – < 5	Skin Corr. 1B, H314 STOT SE 3, H335
propan-2-ol; isopropyl alcohol; isopropanol	CAS-No.: 67-63-0 EC-No.: 200-661-7 EC Index-No.: 603-117-00-0 REACH-no: 01-2119457558-25	≥ 1 – < 5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
sodium hydroxide; caustic soda	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27	≥ 1 – < 5	Skin Corr. 1A, H314

Specific concentration limits: see section 16

Full text of H- and EUH-statements: see section 16

**SECTION 4: FIRST-AID MEASURES**

**4.1 Description of first aid measures**

First-aid measures general: Call a physician immediately.  
 First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.  
 First-aid measures after skin contact: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.  
 First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.  
 First-aid measures after ingestion: Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after inhalation: Burns.  
 Symptoms/effects after skin contact: Serious damage to eyes.  
 Symptoms/effects after eye contact: Burns.

**4.3 Indication of any immediate medical attention and special treatment needed:**

Treat symptomatically.

**SECTION 5: FIRE-FIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

**5.2 Special hazards arising from the substance or mixture**

Hazardous decomposition products in case of fire: Toxic fumes may be released.

**5.3 Advice for firefighters**

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures:**

**6.1.1. For non-emergency personnel**

Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

**6.1.2. For emergency responders**

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

**6.2 Environmental precautions:**

Avoid release to the environment.

**6.3 Methods and material for containment and cleaning up**

Methods for cleaning up: Take up liquid spill into absorbent material.

Other information: Dispose of materials or solid residues at an authorized site.

**6.4 Reference to other sections:**

For further information refer to section 13.

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Precautions for safe handling: Ensure good ventilation of the workstation. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

Hygiene measures:

Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**7.2 Conditions for safe storage, including any**

**Incompatibilities:**

Storage conditions: Store locked up. Store in a well-ventilated place. Keep cool.

**7.3 Specific end use(s)**

No additional information available

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters:**

**8.1.1. National occupational exposure and biological limit values**

sodium hydroxide; caustic soda (1310-73-2)	
United Kingdom - Occupational Exposure Limits	
Local name	Sodium hydroxide
WEL STEL (OEL STEL)	2 mg/m <sup>3</sup>
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)**

<b>propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</b>	
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Propan-2-ol
WEL TWA (OEL TWA) [1]	999 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	400 ppm
WEL STEL (OEL STEL)	1250 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	500 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

**8.1.2. Recommended monitoring procedures**

No additional information available

**8.1.3. Air contaminants formed**

No additional information available

**8.1.4. DNEL and PNEC**

No additional information available

**8.1.5. Control banding**

No additional information available

**8.2 Exposure controls:**

**8.2.1. Appropriate engineering controls**

Ensure good ventilation of the workstation.

**8.2.2. Personal protection equipment**

Personal protective equipment symbol(s):



**8.2.2.1. Eye and face protection**

Eye protection:

Safety glasses

<b>Eye protection</b>			
Type	Field of application	Characteristics	Standard
Safety glasses, Safety goggles	Droplet	clear, Direct-ventilated, Plastic, With side shields	

**8.2.2.2. Skin protection**

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

**8.2.2.3. Respiratory protection**

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

**8.2.2.4. Thermal hazards**

No additional information available

**8.2.3. Environmental exposure controls**

**Environmental exposure controls:**

Avoid release to the environment.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	straw yellow.
Odour:	characteristic.
Odour threshold:	No data available
pH:	13 - 14
Relative evaporation rate (butylacetate=1):	No data available
Melting point:	Not applicable
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability:	Not applicable
Vapour pressure:	No data available
Relative vapour density at 20°C:	No data available
Relative density:	1.05 - 1.07
Solubility:	No data available
Partition coefficient n-octanol/water (Log Pow):	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	No data available
<b>9.2 Other information</b>	No additional information available

**SECTION 10: STABILITY AND REACTIVITY**

<b>10.1 Reactivity:</b>	The product is non-reactive under normal conditions of use, storage and transport.
<b>10.2 Chemical stability:</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions:</b>	No dangerous reactions known under normal conditions of use.
<b>10.4 Conditions to avoid:</b>	None under recommended storage and handling conditions (see section 7).
<b>10.5 Incompatible materials:</b>	No additional information available
<b>10.6 Hazardous decomposition products:</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>11.1 Information on toxicological effects:</b>	
Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Not classified
<b>hydrochloric acid ... %</b>	
LD50 oral rat	4700-5800 mg/kg
LD50 dermal rabbit	13000 mg/kg
LC50 Inhalation - Rat [ppm]	10000 ppm/4h
Skin corrosion/irritation:	Causes severe skin burns. pH: 13 - 14
Serious eye damage/irritation:	Causes serious eye irritation. pH: 13 - 14
Respiratory or skin sensitisation:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT-single exposure:	Not classified
<b>SODIUM METASILICATE PENTAHYDRATE (6834-92-0)</b>	
STOT-single exposure	May cause respiratory irritation.
<b>propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

**SECTION 12: ECOLOGICAL INFORMATION**






<b>12.1 Toxicity</b>	
Ecology - general	Before neutralisation, the product may represent a danger to aquatic organisms.
Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic) Not rapidly degradable:	Not classified
<b>propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</b>	
LC50 - Fish [1]	9640 - 10400 mg/l
EC50 - Crustacea [1]	7550 - 13299 mg/l
IC50, algae	> 1000 (72 Hours)
<b>12.2 Persistence and Degradation</b>	
<b>HARD SURFACE CLEANER</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	> 95 %
<b>propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</b>	
Biodegradation	> 97 % within 28 days
<b>12.3 Bioaccumulative potential</b>	
No additional information available	
<b>HARD SURFACE CLEANER</b>	
Biodegradation	Does not bioaccumulate.
<b>propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</b>	
Biodegradation	Does not bioaccumulate.
<b>12.4 Mobility in soil</b>	No additional information available
<b>12.5 Results of PBT and vPvB assessment</b>	No additional information available
<b>12.6 Other adverse effects</b>	No additional information available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods** Dispose of contents/container in accordance with licensed collector's sorting instructions.

**SECTION 14: TRANSPORT INFORMATION**

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 1760	UN 1760	UN 1760	UN 1760	UN 1760
<b>14.2. UN proper shipping name</b>				
CORROSIVE LIQUID, N.O.S. (CONTAINS : SODIUM METASILICATE PENTAHYDRATE)	CORROSIVE LIQUID, N.O.S. (CONTAINS : SODIUM METASILICATE PENTAHYDRATE)	CORROSIVE LIQUID, N.O.S. (CONTAINS : SODIUM METASILICATE PENTAHYDRATE)	CORROSIVE LIQUID, N.O.S. (CONTAINS : SODIUM METASILICATE PENTAHYDRATE)	CORROSIVE LIQUID, N.O.S. (CONTAINS : SODIUM METASILICATE PENTAHYDRATE)
<b>Transport document description</b>				
UN 1760 CORROSIVE LIQUID, N.O.S. (CONTAINS : SODIUM METASILICATE PENTAHYDRATE), 8, III, (E)	UN 1760 CORROSIVE LIQUID, N.O.S. (CONTAINS : SODIUM METASILICATE PENTAHYDRATE), 8, III	UN 1760 CORROSIVE LIQUID, N.O.S. (CONTAINS : SODIUM METASILICATE PENTAHYDRATE), 8, III	UN 1760 CORROSIVE LIQUID, N.O.S. (CONTAINS : SODIUM METASILICATE PENTAHYDRATE), 8, III	UN 1760 CORROSIVE LIQUID, N.O.S. (CONTAINS : SODIUM METASILICATE PENTAHYDRATE), 8, III
<b>14.3. Transport hazard class(es)</b>				
8	8	8	8	8
				
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				
<b>14.6 Overland transport</b>				
Classification code (ADR):	C9			
Special provisions (ADR):	274			
Limited quantities (ADR):	5I			
Excepted quantities (ADR):	E1			
Packing instructions (ADR):	P001, IBC03, LP01, R001			
Mixed packing provisions (ADR):	MP19			
Portable tank and bulk container instructions (ADR):	T7			
Portable tank and bulk container special provisions (ADR):	TP1, TP28			
Tank code (ADR):	L4BN			
Vehicle for tank carriage:	AT			
Transport category (ADR):	3			
Special provisions for carriage - Packages (ADR):	V12			
Hazard identification number (Kemler No.):	80			
Orange plates:	<div style="border: 1px solid black; padding: 2px; display: inline-block;">80</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1760</div>			
Tunnel restriction code (ADR):	E			
EAC code:	2X			
APP code:	B			
<b>Transport by sea</b>				
Special provisions (IMDG):	223, 274			
Limited quantities (IMDG):	5 L			
Excepted quantities (IMDG):	E1			
Packing instructions (IMDG):	P001, LP01			
IBC packing instructions (IMDG):	IBC03			
Tank instructions (IMDG):	T7			
Tank special provisions (IMDG):	TP1, TP28			
EmS-No. (Fire):	F-A			
EmS-No. (Spillage):	S-B			
Stowage category (IMDG):	A			
Stowage and handling (IMDG):	SW2			
Properties and observations (IMDG):	Causes burns to skin, eyes and mucous membranes.			

**SECTION 14: TRANSPORT INFORMATION (continue)**

<b>Air transport</b>	
PCA Excepted quantities (IATA):	E1
PCA Limited quantities (IATA):	Y841
PCA limited quantity max net quantity (IATA):	1L
PCA packing instructions (IATA):	852
PCA max net quantity (IATA):	5L
CAO packing instructions (IATA):	856
CAO max net quantity (IATA):	60L
Special provisions (IATA):	A3, A803
ERG code (IATA):	8L
<b>Inland waterway transport</b>	
Classification code (ADN):	C9
Special provisions (ADN):	274
Limited quantities (ADN):	5 L
Excepted quantities (ADN):	E1
Equipment required (ADN):	PP, EP
Number of blue cones/lights (ADN):	0
<b>Rail transport</b>	
Classification code (RID):	C9
Special provisions (RID):	274
Limited quantities (RID):	5L
Excepted quantities (RID):	E1
Packing instructions (RID):	P001, IBC03, LP01, R001
Mixed packing provisions (RID):	MP19
Portable tank and bulk container instructions (RID):	T7
Portable tank and bulk container special provisions (RID):	TP1, TP28
Tank codes for RID tanks (RID):	L4BN
Transport category (RID):	3
Special provisions for carriage - Packages (RID):	W12
Colis express (express parcels) (RID):	CE8
Hazard identification number (RID):	80

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable

**SECTION 15: REGULATORY INFORMATION**

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

**15.1.1. EU-Regulations**

- Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)
- Contains no substance(s) listed on the REACH Candidate List
- Contains no substance(s) listed on REACH Annex XIV (Authorisation List)
- Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)
- Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

<b>Detergent Regulation (648/2004/EC): Ingredient data sheet</b>		
Component	CAS-No.	%
AQUA	7732-18-5	≥10%
disodium metasilicate	6834-92-0	1 - 10%
propan-2-ol; isopropyl alcohol; isopropanol	67-63-0	1 - 10%
sodium hydroxide; caustic soda	1310-73-2	1 - 10%
SODIUM XYLENESULFONATE	1300-72-7	0.1 - 1%
trisodium nitrilotriacetate	5064-31-3	0.1 - 1%
C9-11 PARETH-6	68439-46-3	0.1 - 1%
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	0.1 - 1%

<b>Detergent Regulation (648/2004/EC): Labelling of contents</b>	
Component	%
NTA (nitrilotriacetic acid) and salts thereof, anionic surfactants, non-ionic surfactants	<5%

**15.1.2. National regulations**

<b>France</b>
<b>Occupational diseases</b>

**SECTION 15: REGULATORY INFORMATION (continue)**

Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

**Germany**

Water hazard class (WGK): WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)  
 Hazardous Incident Ordinance (12. BImSchV): Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

**Netherlands**

SZW-lijst van kankerverwekkende stoffen: None of the components are listed  
 SZW-lijst van mutagene stoffen: None of the components are listed  
 SZW-lijst van reprotoxische stoffen – Borstvoeding: None of the components are listed  
 SZW-lijst van reprotoxische stoffen – Vruchtbaarheid: None of the components are listed  
 SZW-lijst van reprotoxische stoffen – Ontwikkeling: None of the components are listed

**Denmark**

Danish National Regulations: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

**SECTION 16: OTHER INFORMATION**

**Abbreviations and acronyms**

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

**Full text of H- and EUH-statements**

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2

**SECTION 16: OTHER INFORMATION (continue)**

STOT SE 3 Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation  
 STOT SE 3 Specific target organ toxicity – Single exposure, Category 3, Narcosis  
 H225 Highly flammable liquid and vapour.  
 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.

Name	Product identifier	Specific concentration limits
sodium hydroxide; caustic soda	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27	(0.5 ≤ C < 2) Skin Irrit. 2, H315 (0.5 ≤ C < 2) Eye Irrit. 2, H319 (2 ≤ C < 5) Skin Corr. 1B, H314 (5 ≤ C ≤ 100) Skin Corr. 1A, H314

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.