



**INDUSTRIAL MAINTENANCE CLEANER CONCENTRATE**

**0694**

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

**1.1. Product identifier**

Product form : Mixture  
Product name : **Industrial Maintenance Cleaner Concentrate 5ltr**  
Product code : **0694**  
Type of product : Detergent, Technical product

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

**1.2.1. Relevant identified uses**

Main use category : Professional use  
Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Hard surface cleaner

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet**

**Merton Group UK Ltd** Unit 9 Foxholes Road off Golf Course Lane Leicester LE3 1TH  
Tel: 0116 231 4040 Fax: 0116 287 3570 Email: headoffice@mertongroup.co.uk

**1.4. Emergency telephone number**

Mon to Fri 8.30am to 5.00pm - 01298 26226

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Skin Corr. 1A H314  
Eye Dam. 1 H318

Full text of classification categories and H statements : see section 16

**2.2. Label elements**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : **Danger**  
Hazardous ingredients : Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether, sodium hydroxide, caustic soda  
Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage  
Precautionary statements (CLP) : P260 - Do not breathe dust/fume/gas/mist/vapours/spray  
P264 - Wash hands thoroughly after handling  
P280 - Wear eye protection, protective gloves  
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

**2.3. Other hazards**

No additional information available

**SECTION 3: Composition/information on ingredients**

**3.1. Substance**

Not applicable

**3.2. Mixture**

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether	(CAS No) Polymer_DT03	5 - 15	Xn; R22 Xi; R41	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), sodium salt (waterglass) (SiO <sub>2</sub> :Na <sub>2</sub> O : > 2.6)	(CAS No) 1344-09-8 (EC no) 215-687-4 (REACH-no) 01-2119448725-31	5 - 15	Xi; R36/38	Skin Irrit. 2, H315 Eye Irrit. 2, H319
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	C; R35	Skin Corr. 1A, H314

Full text of R- and H-phrases: see section 16

**SECTION 4: First aid measures****4.1. Description of first aid measures**

- First-aid measures general : Get medical advice/attention if you feel unwell.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash with plenty of soap and water. Take off immediately all contaminated clothing and wash it before reuse.
- First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Get immediate medical advice/attention.
- First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Get medical advice/attention.

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

- Symptoms/injuries after inhalation : May cause respiratory irritation.
- Symptoms/injuries after skin contact : Burns.
- Symptoms/injuries after eye contact : Causes serious eye damage.
- Symptoms/injuries after ingestion : Burns.

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

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

- Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.

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

- Hazardous decomposition products in case of fire : Corrosive vapours.

**5.3. Advice for firefighters**

No additional information available

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

- Emergency procedures : Evacuate unnecessary personnel.

**6.1.2. For emergency responders**

- Protective equipment : Use personal protective equipment as required.

**6.2. Environmental precautions**

Avoid release to the environment.

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

- For containment : Collect spillage.
- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

**6.4. Reference to other sections**

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

- Precautions for safe handling : Avoid contact with skin and eyes.
- Hygiene measures : Do not eat, drink or smoke when using this product.

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### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Does not require any specific or particular technical measures.
Storage conditions	: Keep container closed when not in use.
Incompatible products	: Oxidizing agent. Strong acids.
Incompatible materials	: Metals.
Special rules on packaging	: Keep only in original container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

sodium hydroxide, caustic soda (1310-73-2)		
Denmark	Local name	Natriumhydroxid
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Denmark	Anmærkninger (DK)	L
Ireland	Local name	Sodium hydroxide
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
United Kingdom	Local name	Sodium hydroxide
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>

### 8.2. Exposure controls

Materials for protective clothing	: Not required for normal conditions of use
Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Not required for normal conditions of use
Respiratory protection	: Not required for normal conditions of use



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: Green.
Odour	: sharp.
Odour threshold	: No data available
pH	: 13.2
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
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 (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.06
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

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Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No additional information available

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No additional information available

**10.4. Conditions to avoid**

No additional information available

**10.5. Incompatible materials**

metals.

**10.6. Hazardous decomposition products**

No additional information available

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes severe skin burns and eye damage. pH: 13.2
Serious eye damage/irritation	: Causes serious eye damage. pH: 13.2
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

**SECTION 12: Ecological information****12.1. Toxicity**

<b>Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether (Polymer_DT03)</b>	
LC50 fishes 1	> 10 - 100 mg/l
EC50 Daphnia 1	> 10 - 100 mg/l
ErC50 (other aquatic plants)	> 10 - 100 mg/l
<b>Silicic acid (H<sub>2</sub>SiO<sub>3</sub>), sodium salt (waterglass) (SiO<sub>2</sub>:Na<sub>2</sub>O : &gt; 2.6) (1344-09-8)</b>	
LC50 fishes 1	260 mg/l
EC50 other aquatic organisms 1	1700 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	207 mg/l IC50 algae (72 h) mg/l
<b>sodium hydroxide, caustic soda (1310-73-2)</b>	
LC50 fishes 1	> 35 mg/l
EC50 other aquatic organisms 1	> 33 mg/l
EC50 other aquatic organisms 2	IC50 algae (72 h) mg/l

**12.2. Persistence and degradability**

No additional information available

**12.3. Bioaccumulative potential**

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<b>sodium hydroxide, caustic soda (1310-73-2)</b>	
Log Pow	-3.88

**12.4. Mobility in soil**

No additional information available

**12.5. Results of PBT and vPvB assessment**

No additional information available

**12.6. Other adverse effects**

No additional information available

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

No additional information available

**SECTION 14: Transport information**

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

**14.1. UN number**

UN-No. (ADR)	: 1760
UN-No. (IMDG)	: 1760
UN-No.(IATA)	: 1760

**14.2. UN proper shipping name**

Proper Shipping Name (ADR)	: CORROSIVE LIQUID, N.O.S.
Proper Shipping Name (IMDG)	: CORROSIVE LIQUID, N.O.S.
Proper Shipping Name (IATA)	: CORROSIVE LIQUID, N.O.S.
Transport document description (ADR)	: UN 1760 CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE, SODIUM METASILICATE), 8, III, (E)
Transport document description (IMDG)	: UN 1760 CORROSIVE LIQUID, N.O.S., 8, III

**14.3. Transport hazard class(es)**

**ADR**

Transport hazard class(es) (ADR)	: 8
Danger labels (ADR)	: 8



**IMDG**

Transport hazard class(es) (IMDG)	: 8
Danger labels (IMDG)	: 8



**IATA**

Transport hazard class(es) (IATA)	: 8
Hazard labels (IATA)	: 8



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**14.4. Packing group**

Packing group (ADR) : III  
 Packing group (IMDG) : III  
 Packing group (IATA) : III

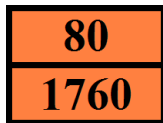
**14.5. Environmental hazards**

Dangerous for the environment : No  
 Marine pollutant : No  
 Other information : No supplementary information available

**14.6. Special precautions for user**

**- Overland transport**

Classification code (ADR) : C9  
 Special provisions (ADR) : 274  
 Limited quantities (ADR) : 5L  
 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 :



Tunnel restriction code (ADR) : E  
 EAC code : 2X  
 APP code : B

**- Transport by sea**

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

**- Air transport**

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  
 ERG code (IATA) : 8L

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**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

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 substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Detergent Regulation : Ingredient data sheet:

Component	CAS No	%
AQUA	7732-18-5	>=10%
Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether	Polymer_DT03	1 - 10%
SODIUM SILICATE	1344-09-8	1 - 10%
SODIUM CITRATE	68-04-2	1 - 10%
SODIUM HYDROXIDE	1310-73-2	1 - 10%
TETRASODIUM GLUTAMATE DIACETATE	51981-21-6	1 - 10%
Sodium capryliminodipropionate	94441-92-6	1 - 10%
SODIUM GLUCONATE	527-07-1	0.1 - 1%
Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether	Polymer_DT01	0.1 - 1%
DECYLAMINE OXIDE	2605-79-0	0.1 - 1%
Parfum	PARFUM	<0.1%
CI 61570	4403-90-1	<0.1%
CI 18965	6359-98-4	<0.1%

Detergent Regulation : Labelling of contents:

Component	%
amphoteric surfactants, non-ionic surfactants	<5%
perfumes	

**15.1.2. National regulations****Germany**

VwVwS Annex reference : Water hazard class (WGK) 1, slightly hazardous to water (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

**Denmark**

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

**15.2. Chemical safety assessment**

No additional information available

**SECTION 16: Other information**

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
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

SDS EU

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*