



## Product Information Sheet

# LEMON HSC

Lemon Hard Surface Cleaner

- **Versatile - Ideal for mopping or hand use.**
- **100% Water Soluble - easy to use.**
- **Removes general dirt and grime,**

### USES

Lemon HSC is a general purpose daily use hard surface cleaner.

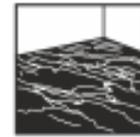
Suitable for cleaning floors, stairwells, walls, paintwork, desks, doors and general cleaning.

Use on laminate, ceramic, safety floors, painted surfaces, rubber, sealed wood, vehicle interiors, wood, granite, stainless steel, PVC, linoleum, concrete etc.

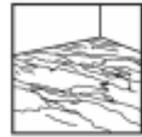
### DIRECTIONS

Dilute Lemon HSC with 50 parts hot or cold water.

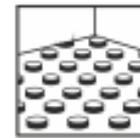
Mop, spray or scrub the surface with a solution of Lemon HSC then rinse away with water  
If necessary.



Granite



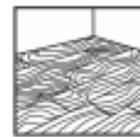
Marble



Rubber



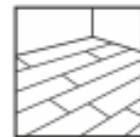
Linoleum



Wood



PVC



Laminate



### DILUTIONS

Lemon HSC	Water
1	50

### Available Sizes



5L



**SAFETY DATA SHEET**

**LEMON HSC**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product form : Mixture  
Product name : LEMON HSC  
Product code : 353  
Type of product : Detergent  
Product group : Mixture

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

**1.2.1. Relevant identified uses**

Industrial/Professional use spec : Industrial.For professional use only  
Use of the substance/mixture : Cleaner

1.2.2. Uses advised against : No additional information available

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

**Hugh Crane Cleaning Equipment Ltd**  
South Walsham Road, Acle  
Norwich NR13 3ES  
Tel 01493 750072 Fax 01493 751854

Country	Official advisory body	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	

**SECTION 2: HAZARDS IDENTIFICATION**

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

Classification according to Regulation (EC) No. 1272/2008 [CLP] :Not classified

Adverse physicochemical, human health and environmental effects :No additional information available

**2.2. Label elements**

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

Precautionary statements (CLP) : P102 - Keep out of reach of children.  
P280 - Wear eye protection.  
P264 - Wash hands thoroughly after handling.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

**2.3. Other hazards**

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

**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]
Alcohols, ethoxylated, sulfates, sodium salts	(CAS-no) 68891-38-3 (Einecs nr) 500-234-8 (REACH-no) 01-2119488639-16	1 – 3	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412

**Specific concentration limits:**

Name	Product identifier	Specific concentration limits
Alcohols, ethoxylated, sulfates, sodium salts	(CAS-no) 68891-38-3 (Einecs nr) 500-234-8 (REACH-no) 01-2119488639-16	( 5 ≤C < 10) Eye Irrit. 2, H319 ( 10 ≤C < 100) Eye Dam. 1, H318

Full text of H-statements: see section 16



## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

**General advice** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation** : Allow affected person to breathe fresh air. Allow the victim to rest.

**Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

**Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

**Ingestion** : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

**Acute effects skin** : mild skin irritation.

**Acute effects eyes** : May cause eye irritation. Redness.

**Acute effects oral route** : May cause irritation to the digestive tract.

**4.3. Indication of any immediate medical attention and special treatment needed** : No additional information available

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing media** : Water.

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

**Hazardous decomposition products in case of fire** : Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

### 5.3. Advice for firefighters

**Firefighting instructions** : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

**Protection during firefighting** : Do not enter fire area without proper protective equipment, including respiratory protection.

## 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** : Equip clean-up crew with proper protection.

**Emergency procedures** : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

**Methods for cleaning up** : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Precautions for safe handling** : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

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

**Storage conditions** : Keep container tightly closed.

**Packaging materials** : polyethylene.

**7.3. Specific end use(s)** : No additional information available

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1. Control parameters** : No additional information available

### 8.2. Exposure controls

**Personal protective equipment** : Avoid all unnecessary exposure.

**Hand protection** : Nitrile rubber gloves

**Eye protection** : Chemical goggles or safety glasses

**Other information** : Do not eat, drink or smoke during use.



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Physical state	: Liquid
Physical state/form	: Liquid.
Colour	: Yellow.
Odour	: lemon.
Odour threshold	: No data available
pH	: 10 – 10.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point/range	: 0 °C
Freezing point	: No data available
Boiling point/Boiling range	: 100 °C
Flash point	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.002
Solubility	: Soluble in 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

### 9.2. Other information

VOC content : 0 g/l

## 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 dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid	: No additional information available
10.5. Incompatible materials	: No additional information available
10.6. Hazardous decomposition products	: fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Alcohols, ethoxylated, sulfates, sodium salts (68891-38-3)

LD50 oral rat	> 4100 mg/kg OCDE 401
LD50 dermal rat	> 2000 mg/kg OCDE 402

Skin corrosion/irritation	: Not classified pH: 10 – 10.5
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified pH: 10 – 10.5
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met



<b>Germ cell mutagenicity</b>	: Not classified
<b>Additional information</b>	: Based on available data, the classification criteria are not met
<b>Carcinogenicity</b>	: Not classified
<b>Additional information</b>	: Based on available data, the classification criteria are not met
<b>Reproductive toxicity</b>	: Not classified
<b>Additional information</b>	: Based on available data, the classification criteria are not met
<b>STOT-single exposure</b>	: Not classified
<b>Additional information</b>	: Based on available data, the classification criteria are not met
<b>STOT-repeated exposure</b>	: Not classified
<b>Additional information</b>	: Based on available data, the classification criteria are not met
<b>Aspiration hazard</b>	: Not classified
<b>Additional information</b>	: Based on available data, the classification criteria are not met
<b>Potential adverse human health effects and symptoms</b>	: Based on available data, the classification criteria are not met.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Hazardous to the aquatic environment, short-term (acute)** : Not classified

**Hazardous to the aquatic environment, long-term (chronic)** : Not classified

#### Alcohols, ethoxylated, sulfates, sodium salts (68891-38-3)

LC50 fish 1	7.1 mg/l OECD 203
EC50 Daphnia 1	7.4 mg/l OECD 202 Daphnia sp.Acute Immobilization Test and Reproduction Test
EC50 72h algae (1)	27.7 mg/l
ErC50 (algae)	27.7 mg/l OECD 201 Alga, Growth Inhibition Test
NOEC chronic algae	0.95 mg/l OECD 201 Alga, Growth Inhibition Test

### 12.2. Persistence and degradability

#### LEMON HSC

Persistence and degradability	Biodegradable. 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.
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#### Alcohols, ethoxylated, sulfates, sodium salts (68891-38-3)

Persistence and degradability	Biodegradable.
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### 12.3. Bioaccumulative potential

#### LEMON HSC

Bioaccumulative potential	No bioaccumulation.
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**12.4. Mobility in soil** : No additional information available

### 12.5. Results of PBT and vPvB assessment

#### LEMON HSC

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII



Component	
Alcohols, ethoxylated, sulfates, sodium salts (6889138-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

**12.6. Other adverse effects**

**Additional information** : Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

**Product/Packaging disposal recommendations** : Dispose in a safe manner in accordance with local/national regulations.

**Waste / unused products** : Avoid release to the environment.

**SECTION 14: TRANSPORT INFORMATION**

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

	ADR	IMDG	IATA
<b>14.1. UN number</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3. Transport hazard class(es)</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.4. Packing group</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.5. Environmental hazards</b>	Not Regulated	Not Regulated	Not Regulated

No supplementary information available

**14.6. Special precautions for user**

**Overland transport** : Not regulated

**Transport by sea** : Not regulated

**Air transport** : Not regulated

**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 REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

**VOC content** : 0 g/l

**Detergent Regulation (648/2004/EC): Labelling of contents:**

Component	%
anionic surfactants	<5%
perfumes	

**15.1.2. National regulations** : No additional information available

**15.2. Chemical safety assessment** : No chemical safety assessment has been carried out

**SECTION 16: OTHER INFORMATION**

**Data sources** : 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

**SDS Revision Date** : 26<sup>th</sup> November 2020.

**Other information** : None.



Full text of H- and EUH-statements:	
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

SDS EU (REACH Annex II)

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.

**End of Safety Data Sheet.**