



Cleanux Chemicals Ltd

Process Heading	Product Specification
Process Owner	R&D Dept.
Reference	CLE01-HSC
Created By	Richard Jedrocha
Signature	
Date	04/05/2021

HARD SURFACE CLEANER

SECTION1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name	HARD SURFACE CLEANER
Product number	HSCCLE045

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

Identified uses	Cleaning & Disinfecting agent
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1.3 Details of the supplier of the safety data sheet

Supplier	Cleanux Chemicals Ltd Gordon Road Waltham Abbey Herts. EN9 1AF Tel: +44(0)207 854 1234 info@cleanux.co.uk
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1.4 Emergency telephone number

Emergency telephone	Emergency contact number 0207 854 1234 (9am to 5pm Monday to Friday excluding bank holidays). Ask for Technical Department quoting the product name. Outside of these hours please contact your doctor or local hospital accident and emergency department or the NHS enquiry service (dial 111) quoting product name and present this MSDS advising them that the product is registered with the National Poisons Information Service
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SECTION 2: Hazards Identification

2.1 Classification of Substance or mixture

Classification – EC 1272/2008	EYE IRRITANT 2 H319 AQUATIC CHRONIC. 3 H412
Physical Hazards	NOT CLASSIFIED
Health Hazards	SKIN CORR. 1B – H314 EYE DAM. 1 – H318
Environment Hazards	AQUATIC ACUTE 1 – H400 AQUATIC CHRONIC 2 – H411

2.2 Label Elements

LABEL ELEMENTS	
Symbols	
Signal word	DANGER
Hazard statement	H314 Causes severe skin burns & eye damage. H411 Toxic to aquatic life with long lasting effects
Precautionary Statement: Prevention	P273 AVOID RELEASE TO THE ENVIRONMENT. P280 WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/FACE PROTECTION
Precautionary Statement: Response	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501 Dispose of contents/ container in accordance with national regulations.



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2.3 Other Hazards

Other Hazards	None
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Product	Percentage v/v	Cas No	EC No	REACH Reg No
Alcohol C12 -14 (7-7.5 EO)	>4% <22%	64-17-5	200-578-6	01-2119457610-43-XXXX
Quaternary Ammonium Compounds, Benzyl-C12-16 Alkyldimet, Chlorides	>1.5% - <3%	68424-85-1	270-325-2	01-211998327-23-0000
Poly(oxy - 1,2-Ethaediyl), .Alpha.- (Carboxymethyl)-.Omega>- (Octyloxy)-, Sodium Salt (1:1)	>1% - <6%	100188-12-3		
3-Butoxypropan-2-Ol	>1% - <6%	5131-66-8	225-878-4	01-2119475527-28-xxxx

SECTION 4 First aid measures

4.1 Description of First aid Measures

Inhalation	Move affected person to fresh air and keep warm and at rest position comfortable for breathing. Get medical attention if discomfort continues.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.
Skin Contact	RINSE IMMEDIATELY WITH PLENTY OF WATER REMOVE CONTAMINATED CLOTHING
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink.. Get medical attention if discomfort continues.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Eye contact	Causes serious eye damage.
Skin Contact	CAUSES SKIN IRRITATION.
Ingestion	MAY CAUSE DISCOMFORT IF SWALLOWED

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Notes for the doctor	Symptomatic treatment
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SECTION 5 FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Alcohol-resistant foam. Carbon dioxide (CO2). Dry powder, sand, or water fog.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Thermal decomposition or combustion may include the following substances: Toxic gases or vapours.
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5.3. Advice for firefighters

Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.
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6.2 Environmental precautions

Environmental precautions	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.
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6.4. Reference to other sections

Reference to other sections	Wear protective clothing as described in section 8
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SECTION 7 HANDLING & STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Usage precautions	Avoid spilling. Provide adequate ventilation. Avoid contact with skin and eyes.
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7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

STORAGE PRECAUTIONS	Store in tightly closed, original container in a dry and cool place. Store under well-ventilated conditions at a temperature below 25°C.
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7.3 SPECIFIC END USE(S)

SPECIFIC END USE(S)	The identified uses for this product are detailed in Section 1.2.
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SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

DNEL	Workers - Inhalation; Long term local effects: 52 mg/m ³ Workers - Dermal; Long term systemic effects: 147 mg/kg/day General population - Inhalation; Long term systemic effects: 43 mg/m ³ General population - Dermal; Long term systemic effects: 22 mg/kg/day General population - Oral; Long term systemic effects: 12.5 mg/kg/day
PNEC	- Fresh water; 0.525mg/l - marine water; 0.0525 mg/l - Intermittent release; 5.25 mg/l - STP; 10 mg/l - Sediment (Freshwater); 2.36 mg/kg - Sediment (Marine water); .0236 mg/kg - Soil; 0.16 mg/kg



8.2. Exposure controls

Protective equipment	  
Appropriate engineering controls	Provide adequate ventilation
Eye/face protection	Personal protective equipment for eye and face protection should comply with European Standard EN166. The following protection should be worn: Chemical splash goggles.
Hand protection	Gloves should be worn; the gloves should comply with European Standard EN374
Other skin & body protection	Wear appropriate clothing to prevent any possible skin contact.
Hygiene measures	Wash hand after handling. When using do not eat, drink or smoke. Eye wash and emergency shower must be available when handling this product

SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical & chemical properties

Appearance	Liquid
Colour	Red
Odour	Mild
pH	8-9
Flash point	No information available
Relative density	1.004 @ 20°C
Solubility	Soluble in water.
Viscosity	No information available

SECTION 10 STABILITY & REACTIVITY

10.1. Reactivity

Reactivity	No test data specifically related to reactivity available for this product or its ingredients.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None known.
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10.4. Conditions to avoid

Conditions to avoid	Avoid excessive heat for prolonged periods of time. Avoid strong oxidising agents. Strong acids. Strong alkalis.
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10.5. Incompatible materials

Materials to avoid	Keep away from oxidising materials, heat and flames.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Oxides of following substances: Carbon. Sulphur.
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SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on taxological effects

Inhalation	Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.
Ingestion	Gastrointestinal symptoms, including upset stomach.
Skin contact	Irritating to skin.
Eye contact	Causes serious eye damage

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity	Very toxic to aquatic life with long lasting effects.
12.1. Toxicity	
	Toxic to aquatic life with long lasting effects.
12.2. Persistence and degradability	
Persistence and degradability	No data available.
12.3. Bio accumulative potential	
Bio accumulative potential	No data available on bioaccumulation.
12.4. Mobility in soil	
Mobility	The product is soluble in water.
12.5. Results of PBT and vPvB assessment	
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB
12.6 Other adverse effects	
Other adverse effects	None known

SECTION 13 DISPOSAL COSIDERATION

13.1 Waste treatment methods

General information	Waste should be treated as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Disposal methods	Absorb in vermiculite, dry sand or earth and place into containers. Dispose of waste via a licensed waste disposal contractor.

SECTION 14 TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082
UN No. (ADN)	3082

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	Environmentally Hazardous Substance
Proper shipping name (IMDG)	Environmentally Hazardous Substance
Proper shipping name (ICAO)	Environmentally Hazardous Substance
Proper shipping name (ADN)	Environmentally Hazardous Substance



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4.3. Transport hazard class(es)

ADR/RID class	9
ADR/RID label	9
IMDG class	9
ICAO class/division	9
Transport labels	



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III

14.5 ENVIRONMENTAL HAZARDS

Environmentally hazardous substance/Marine pollutant



SECTION 15 REGULATORY INFORMATION

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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EU legislation	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) (as amended). 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 (as amended). Commission Regulation (EU) No 2015/830 of May 2015.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Section 16 OTHER INFORMATION

Revision date	07/03/2020
Revision	01
SDS Number	HSG01
Risk phrases in full	R22 Harmful if swallowed. R36 Irritating to eyes. R38 Irritating to skin. R41 Risk of serious damage to eyes. R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
Hazard statements in full	H319 Causes serious eye irritation.



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