

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH), Annex II

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

1.1 Product identifier	
Trade name	Paradox
Reference No.	
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	All-Purpose Cleaner
1.3 Details of the supplier of the safety data sheet	
Company Identification	JSK Eco Cleaning Solutions, Tramore Road, Cork.
Telephone	+353-21 4318545
E-Mail (competent person)	info@jskcleaning.ie
1.4 Emergency telephone number	
Emergency Phone No.	+353-21 4318545 (9:00am – 5.00pm) Mon. – Fri.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
Regulation (EC) No. 1272/2008 (CLP)	Not classified as hazardous.
2.2 Label elements	
	According to Regulation (EC) No. 1272/2008 (CLP) No measures required.
Supplemental information	Contains: < 5 % non-ionic detergents
2.3 Other hazards	None anticipated.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures	
Description:	Aqueous solution.
Dangerous components:	The product does not contain reportable quantities of dangerous components.

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures	
Inhalation	Supply fresh air; consult doctor in case of complaint.
Skin Contact	Wash skin with soap and water. Remove contaminated clothing and wash clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
Eye Contact	Rinse cautiously with water for several minutes. Consult a doctor in case of complaint.
Ingestion	Wash out mouth with water. Consult a doctor in case of complaint.
4.2 Most important symptoms and effects, both acute and delayed	None anticipated.

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- 4.3 Indication of the immediate medical attention and special treatment needed** None.

SECTION 5: FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media**
Suitable Extinguishing Media CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- 5.2 Special hazards arising from the substance or mixture** In case of fire, the following can be released: Hazardous fumes and vapours, Carbon oxides (CO_x), nitrogen oxides (NO_x)
- 5.3 Advice for fire-fighters** Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions.
Wear full protective suit and self-contained breathing apparatus (SCBA) when extinguishing fires.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Refer to Section 8 for protective measures when handling the spillage.
- 6.2 Environmental precautions** No special requirements.
- 6.3 Methods and material for containment and cleaning up** Rinse off area with water.
- 6.4 Reference to other sections** 8

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Keep out of reach of children.
Wash hands before breaks and after work.
- 7.2 Conditions for safe storage, including any incompatibilities** Do not store in direct sunlight. Do not allow product to freeze.
- 7.3 Specific end use(s)** General purpose cleaner.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- 8.1.1 Occupational Exposure Limits** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls** No special measures are required.
- 8.2.2 Personal protection equipment**
- Eye/face protection Safety glasses recommended.
- Hand protection Not normally required.
- Body protection Not normally required.
- Respiratory protection Not normally required.
- 8.2.3 Environmental Exposure Controls** No special measures are required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on basic physical and chemical properties**
- Appearance Liquid.
- Colour Blue.

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Odour	Light, sweet smell.
Odour Threshold (ppm)	Not determined.
pH (Value)	6.8 - 7.2
Melting Point (°C) / Freezing Point (°C)	Similar to water, approximately 0°C..
Boiling point/boiling range (°C):	Similar to water, approximately 100°C.
Flash Point (°C)	Not applicable.
Evaporation rate (BA = 1)	Not determined.
Flammability (solid, gas)	Not applicable.
Explosive limit ranges	Not applicable.
Vapour Pressure (Pascal)	Not determined.
Vapour Density (Air=1)	Not determined.
Density (g/ml)	~ 1.02 @ 20°C.
Solubility (Water)	Soluble.
Solubility (Other)	Not determined.
Partition Coefficient (n-Octanol/water)	Not applicable.
Auto Ignition Temperature (°C)	Not determined.
Decomposition Temperature (°C)	Not determined.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
9.2 Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	None known.
10.2 Chemical stability	The product is stable in accordance with the recommended storage conditions.
10.3 Possibility of hazardous reactions	Hazardous polymerisation will not occur.
10.4 Conditions to avoid	Protect from direct sunlight.
10.5 Incompatible materials	None known.
10.6 Hazardous Decomposition Product(s)	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.2 Mixtures

Acute toxicity	Based upon the available data, the classification criteria are not met.
Skin corrosion/irritation	Based upon the available data, the classification criteria are not met.
Serious eye damage/irritation	Based upon the available data, the classification criteria are not met.
Respiratory or skin sensitization	Based upon the available data, the classification criteria are not met.
Germ cell mutagenicity	Based upon the available data, the classification criteria are not met.
Carcinogenicity	Based upon the available data, the classification criteria are not met.
Reproductive toxicity	Based upon the available data, the classification criteria are not met.
STOT-single exposure	Based upon the available data, the classification criteria are not met.
STOT-repeated exposure	Based upon the available data, the classification criteria are not met.
Aspiration hazard	Based upon the available data, the classification criteria are not met.

11.2 Other information	Not applicable.
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SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Not classified as hazardous.
12.2	Persistence and degradability	The product is biodegradable.
12.3	Bioaccumulative potential	The product has no potential for bioaccumulation.
12.4	Mobility in soil	The product is easily soluble in water and can move with surface or groundwater flows.
12.5	Results of PBT and vPvB assessment	Not applicable.
12.6	Other adverse effects	Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	
	Product:	The waste is considered to be non hazardous. Dispose of contents in accordance with local, state or national legislation.
	European waste catalogue:	20 01 30
	Packaging:	Containers may be rinsed thoroughly with water before recycling. Contact your local service providers for further information.

SECTION 14: TRANSPORT INFORMATION

14.1	UN number	Not applicable
14.2	UN Proper Shipping Name	Not applicable
14.3	Transport hazard class(es)	Not classified as dangerous for transport.
14.4	Packing Group	Not applicable
14.5	Environmental hazards	Not applicable
14.6	Special precautions for user	Not applicable
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable

SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	Detergents Regulation (EC) No 648/2004
15.2	Chemical Safety Assessment	Not applicable.

SECTION 16: OTHER INFORMATION

LEGEND

STOT Specific Target Organ Toxicity

References:

Supplier's Safety Data Sheet

Additional Information

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