



SAFETY DATA SHEET
Swarfega Jizer

According to Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name Swarfega Jizer
Product No. SJZ100L, SJZ200L, SJZ25L, SJZ5L, SJZ5LFR, SJZ5LRS, SJZ750MLRS, 8057, SJZ750SFX

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

Identified uses Detergent.

1.3. Details of the supplier of the safety data sheet

Supplier Deb Ltd
Denby Hall Way
Denby
Derbyshire
DE5 8JZ
Main Tel. 01773 855100
Technical Tel 01773 855105
reach@deb.co.uk

1.4. Emergency telephone number

National Poisons Information Service (UK) 0844 8920111

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xn;R65. R66.

Environment

The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC

2.2. Label elements

Contains DISTILLATES PETROLEUM HYDROCARBON LIGHT

Detergent Labelling

>= 30% Aliphatic hydrocarbons
< 5% non-ionic surfactants

Labelling



Harmful

Risk Phrases

R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

Safety Phrases

S37 Wear suitable gloves.

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S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
S35	This material and its container must be disposed of in a safe way.
S51	Use only in well-ventilated areas.

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**

DISTILLATES PETROLEUM HYDROCARBON LIGHT		60-100%
CAS-No.: 64742-47-8	EC No.: 926-141-6	Registration Number: 01-2119456620-43
Classification (EC 1272/2008) EUH066 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R66.	
ISOTRIDECANOL, ETHOXYLATED (2-5EO)		1-5%
CAS-No.: 69011-36-5	EC No.:	
Classification (EC 1272/2008) Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R41.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures****Inhalation**

Move the exposed person to fresh air at once. Get medical attention.

Ingestion

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Get medical attention immediately! Provide rest, warmth and fresh air.

Skin contact

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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

In high concentrations, vapours are anaesthetic and may cause headache, fatigue, dizziness and central nervous system effects. Irritation of nose, throat and airway.

Ingestion

Fumes from the stomach contents may be inhaled resulting in the same symptoms as inhalation. Central nervous system depression. May cause stomach pain or vomiting. Diarrhoea.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

May cause temporary eye irritation.

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

No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

During fire, toxic gases (CO, CO₂) are formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Use supplied air respirator if product is involved in a fire.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

6.4. Reference to other sections

For personal protection, see section 8.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Provide good ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments

None.

8.2. Exposure controls

Protective equipment

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**Engineering measures**

Provide adequate general and local exhaust ventilation.

Respiratory equipment

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used.

Hand protection

Use protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. SPECIFIC RECOMMENDATIONS. Use protective gloves made of: Nitrile. Polyvinyl alcohol (PVA).

Eye protection

Wear approved safety goggles.

Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Red.
Odour	Characteristic.
Initial boiling point and boiling range (°C)	
	Not determined.
Melting point (°C)	
	Not determined.
Relative density	0.798-0.818 25 C
Vapour density (air=1)	
	Not determined.
Vapour pressure	
	Not determined.
Evaporation rate	
	Not determined.
pH-Value, Conc. Solution	
	Scientifically unjustified.
Viscosity	
	Not determined.
Decomposition temperature (°C)	
	Not determined.
Odour Threshold, Lower	
	Not determined.
Odour Threshold, Upper	
	Not determined.
Flash point (°C)	
	Not determined.
Auto Ignition Temperature (°C)	
	Not determined.

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Flammability Limit - Lower(%)

Not determined.

Flammability Limit - Upper(%)

Not determined.

Partition Coefficient

(N-Octanol/Water)

Not determined.

Explosive properties

Not determined.

Solid: Burning time. Not applicable

Oxidising properties

Does not meet the criteria for oxidising.

9.2. Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

Hazardous Polymerisation

Unknown.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials**Materials To Avoid**

Avoid contact with strong oxidisers. Strong acids.

10.6. Hazardous decomposition products

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects**Acute toxicity:****Acute Toxicity (Oral LD50)**

No information available.

Acute Toxicity (Dermal LD50)

No information available.

Acute Toxicity (Inhalation LC50)

Not determined.

Skin Corrosion/Irritation:

Based on available data the classification criteria are not met.

Respiratory or skin sensitisation:

Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Based on available data the classification criteria are not met.

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Carcinogenicity:

Does not contain any substances known to be carcinogenic.

Reproductive Toxicity:

Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure:

STOT - Single exposure

No information available.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

No information available.

Inhalation

Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion

Harmful: may cause lung damage if swallowed.

Skin contact

Prolonged contact may cause dryness of the skin.

Eye contact

May cause temporary eye irritation.

Toxicological information on ingredients.

DISTILLATES PETROLEUM HYDROCARBON LIGHT (CAS: 64742-47-8)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg

Acute Toxicity (Dermal LD50)

> 5000 mg/kg

Acute Toxicity (Inhalation LC50)

> 5000 mg/l (vapours)

ISOTRIDECANOL, ETHOXYLATED (2-5EO) (CAS: 69011-36-5)

Toxic Dose 1 - LD 50

>2000 mg/kg (oral rat)

Acute toxicity:

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rat

OLEOYL SARCOSINE (CAS: 110-25-8)

Toxic Dose 1 - LD 50

>2000 mg/kg (oral rat)

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment.

12.1. Toxicity

The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC

LC 50, 96 Hrs, Fish mg/l >1000

EC 50, 48 Hrs, Daphnia, mg/l >1000

IC 50, 72 Hrs, Algae, mg/l >1000

Not known.

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Ecological information on ingredients.

DISTILLATES PETROLEUM HYDROCARBON LIGHT (CAS: 64742-47-8)

LC 50, 96 Hrs, Fish mg/l

>1000

EC 50, 48 Hrs, Daphnia, mg/l

>1000

IC 50, 72 Hrs, Algae, mg/l

>1000

21 days 1.22 mg/l Daphnia magna

OLEOYL SARCOSINE (CAS: 110-25-8)

Acute Toxicity - Fish

LC50 96 hours 1.7 mg/l Brachydanio rerio (Zebra Fish)

Acute Toxicity - Aquatic Invertebrates

EC50 0.68 mg/l Daphnia magna

12.2. Persistence and degradability

Degradability

The product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

12.4. Mobility in soil

Mobility:

The product contains volatile substances, which may spread in the atmosphere.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 14: TRANSPORT INFORMATION

General	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
Road Transport Notes	Not Classified
Rail Transport Notes	Not classified.
Sea Transport Notes	Not classified.
Air Transport Notes	Not classified.

14.1. UN number

Not applicable.

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14.2. UN proper shipping name

Not applicable.

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

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards**Environmentally Hazardous Substance/Marine Pollutant**

No.

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 relevant

SECTION 15: REGULATORY INFORMATION15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**EU Legislation**

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work. 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION**General information**

Only trained personnel should use this material.

Revision Comments

Revision of information

Revision Date 14/01/2013

Revision 3

Supersedes date 13/09/2011

Risk Phrases In Full

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R41 Risk of serious damage to eyes.

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Hazard Statements In Full

EUH066 Repeated exposure may cause skin dryness or cracking.

H304 May be fatal if swallowed and enters airways.

H318 Causes serious eye damage.

Notes for Risk Phrases and Hazard Statements in Full

The full text for Risk Phrases and Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.