

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	Solvodor (Concentrated)
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Cleaning agent - Odour neutraliser For professional users only.
1.3 Details of the supplier of the safety data sheet	
Company Identification	Hermitage Technologies DAC Sion Road Kilkenny R95 XF34 Ireland.
Telephone	+353 (0) 56 7770011
E-Mail (competent person)	info@hermitage.ie
1.4 Emergency telephone number	
Emergency Phone No.	+353 (0) 56 7770011 (8.30am – 5.00pm) Mon. – Fri.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)	Skin Irrit. 2, Eye Irrit. 2
Hazard statement(s)	H315: Causes skin irritation. H319: Causes serious eye irritation.

2.2 Label elements

Hazard pictogram(s)

According to Regulation (EC) No. 1272/2008 (CLP)



WARNING

Causes skin irritation.

Causes serious eye irritation.

Keep out of reach of children.

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

If medical advice is needed, have product container or label at hand.

Signal word(s)	WARNING
Hazard statement(s)	Causes skin irritation. Causes serious eye irritation.
Precautionary statement(s)	Keep out of reach of children. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If medical advice is needed, have product container or label at hand.
Supplemental information	Contains: orange oil terpenes, linalool, citral, geraniol, isothiazolines. May produce an allergic reaction.

2.3 Other hazards

None anticipated.

► SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Description:

Aqueous preparation containing the hazardous components listed below.

Dangerous components:

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EC Classification No. 1272/2008

Hazardous ingredient(s)	CAS No.	EC No.	REACH Registration No.	Classification code: Hazard statement(s)	%W/W
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	61789-40-0	263-058-8	Not available	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Aquatic Acute 1; H400	10 - 20
2-dodecoxyethyl hydrogen sulfate	9004-82-4	618-398-5	Not available	Eye Irrit. 2; H319 Acute Tox. 4; H302	5 - 10
Citric acid	77-92-9	201-069-1	Not available	Eye Irrit. 2; H319	1 - 5
Orange oil terpenes	8028-48-6	232-433-8		Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	0.1 - 1
Linalool	78-70-6	201-134-4		Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319	0.1 - 1
Citral	5392-40-5	226-394-6		Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319	0.1 - 1
Geraniol	106-24-1	203-377-1		Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Dam. 1; H318	0.1 - 1
mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one & 2-Methyl-4-isothiazolin-3-one (3:1)	55965-84-9	247-500-7 220-239-6	Not available	Acute Tox. 3; H301, H311, H331 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 0.001

3.3 Additional Information

For full text of H phrases see section 16.

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Consult a doctor in case of complaint.
Skin Contact	Wash with plenty of 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. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Ingestion	Rinse mouth. Do NOT induce vomiting. Consult a doctor in case of complaint.

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation. Causes serious eye irritation. May produce an allergic reaction in persons already sensitised.

4.3 Indication of the immediate medical attention and special treatment needed

Symptomatic treatment and supportive therapy as indicated.

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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), sulphur oxides (SO_x).

5.3 Advice for fire-fighters
 Use fire-extinguishing methods suitable 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
 Isolate spillage and clean up immediately.
 Refer to Section 8 for protective measures when handling the spillage.

6.2 Environmental precautions
 Do not allow the undiluted product to enter sewers/surface or ground water.

6.3 Methods and material for containment and cleaning up
 Absorb with liquid-binding material (paper towelling, sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to Section 13.
 Flush spill area with copious amounts of water.

6.4 Reference to other sections
 8, 13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
 Keep out of reach of children.
 Avoid contact with the eyes, skin and mucous membranes.

7.2 Conditions for safe storage, including any incompatibilities
 Store at room temperature.

7.3 Specific end use(s)
 Cleaning agent - Odour neutraliser.

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
8.2.2 Personal protection equipment
 Eye/face protection

 Hand protection

 Material of gloves:
 Penetration time of glove material:
 Body protection
 Respiratory protection
 Latex / natural rubber, PVC, Nitrile rubber.
 > 480 min.
 Protective working garments (e.g. safety shoes EN 344, long sleeved protective working garments)
 Not normally required.

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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	Pale brown - colourless.
Odour	Fragranced.
Odour Threshold (ppm)	Not determined.
pH (Value)	4.9
Melting Point (°C) / Freezing Point (°C)	< 0°C.
Boiling point/boiling range (°C):	~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)	Not determined.
Solubility (Water)	Soluble.
Solubility (Other)	Not determined.
Partition Coefficient (n-Octanol/water)	Not determined.
Auto Ignition Temperature (°C)	Not determined.
Decomposition Temperature (°C)	Not determined.
Viscosity (mPa.s)	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

None.

10.5 Incompatible materials

Oxidizing agents.

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	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
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

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Aspiration hazard not met.
Based upon the available data, the classification criteria are not met.

11.2 Other information Not applicable.

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	No information available.
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:	Chemical residues and remains should be routinely handled as special waste. This must be disposed of in compliance with anti-pollution and other laws of the country concerned. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information.
European waste catalogue:	20 01 29*.
Packaging:	Disposal should be in accordance with local, state or national legislation. Contaminated packaging must be disposed of in the same manner as the product. 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 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 (EU) No 648/2004
15.2 Chemical Safety Assessment	Not applicable.

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SECTION 16: OTHER INFORMATION

LEGEND

STOT Specific Target Organ Toxicity

Classification code:

Flam. Liq. 3	Flammable liquid; Category 3
Skin Corr. 1B	Skin corrosion/irritation; Category 1B
Skin Irrit. 2	Skin Irritation; Category 2
Eye Dam. 1	Eye damage; Category 1
Eye Irrit. 2	Eye irritation; Category 2
Acute Tox. 3	Acute toxicity; Category 3
Acute Tox. 4	Acute toxicity; Category 4
Skin Sens. 1	Skin sensitization; Category 1
Asp. Tox. 1	Aspiration toxicity; Category 1
Aquatic Acute 1	Hazardous to the aquatic environment, Acute; Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, Chronic; Category 1

Hazard statement(s)

H226: Flammable liquid and vapour.
H301: Toxic if swallowed.
H304: May be fatal if swallowed and enters airways.
H311: Toxic in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H331: Toxic if inhaled.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

Hazard statement(s)

References:

Supplier's safety data sheets, ECHA C&L Inventory

Additional Information

Reason for update:

SECTION 3:

► Indicates altered section

Supersedes:

Version: 1

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