

DESODO 58

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue:

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Version: 6.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Substance
Substance name : DESODO 58
Product code : AXE1058

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

1.2.1. Relevant identified uses

Main use category : Industrial use
Industrial/Professional use spec : Solvent.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

AXE DIFFUSION

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
UNITED KINGDOM	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flam. Liq. 3 H226

Asp. Tox. 1 H304

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xn; R65

R66

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS08

Signal word (CLP) : Danger

Hazard statements (CLP) : H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways

Precautionary statements (CLP) : P210 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking
P240 - Ground/bond container and receiving equipment
P280 - Wear protective gloves, face protection, protective clothing
P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician
P331 - Do NOT induce vomiting
P403+P235 - Store in a well-ventilated place. Keep cool
P501 - Dispose of contents/container to an authorised waste collection point

EUH phrases : EUH066 - Repeated exposure may cause skin dryness or cracking

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2.3. Other hazards

Other hazards not contributing to the classification : Vapour mixes readily with air, forming explosive mixtures. Product can accumulate electrostatic charges that may cause fire by electrical discharges.

SECTION 3: Composition/information on ingredients

3.1. Substance

Name : DESODO 58

Name	Product identifier	%
Hydrocarbons, C11-C12, isoalkanes, <2% aromatics	(CAS No) 90622-57-4 (EC no) 918-167-1 (REACH-no) 01-2119472146-39	> 90

Full text of R- and H-phrases: see section 16

3.2. Mixture

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.

First-aid measures after inhalation : In case of exposure to intense concentrations of vapours, fumes or spray, transport the person away from the contaminated zone, keep warm and allow to rest.

First-aid measures after skin contact : For even minor contact, immediately remove contaminated clothing. Wash skin thoroughly with mild soap and water. Wash contaminated clothing before reuse. Seek medical attention if ill effect or irritation develops.

First-aid measures after eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes. Ensure adequate flushing of eyes by separating eyelids with the fingers. Seek medical attention if ill effect or irritation develops.

First-aid measures after ingestion : If swallowed, seek medical advice immediately and show this container or label. May result in aspiration into the lungs. Transport to hospital.

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

Symptoms/injuries after inhalation : May be irritating to the mucous membranes and to the respiratory system.

Symptoms/injuries after skin contact : Repeated exposure may cause skin dryness or cracking.

Symptoms/injuries after eye contact : May cause irritation to the eyes.

Symptoms/injuries after ingestion : If swallowed accidentally, the product may enter the lungs due to its low viscosity and lead to the rapid development of very serious pulmonary lesions (medical survey during 48 hours). Ingestion may cause nausea, vomiting and diarrhea. Abdominal pain.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Incomplete combustion will generate poisonous carbon monoxide, carbon dioxide and other toxic gases. Hydrocarbon. Aldehydes. soot. Their inhalation can be dangerous.

5.3. Advice for firefighters

Precautionary measures fire : Put on breathing apparatus.

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

General measures : Wear recommended personal protective equipment. Evacuate unnecessary personnel. Ensure adequate ventilation, especially in confined areas. Remove ignition sources. Do not walk into or touch spilled substances and avoid inhalation of fumes, smoke, dusts and vapours by staying up wind.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

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6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Use only non-sparking tools. This material and its container must be disposed of in a safe way, and as per local legislation. After cleaning, flush traces away with water.

6.4. Reference to other sections

See Heading 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Use personal protective equipment as required. Use only in well-ventilated areas. Do not breathe dust or spray mist. Do not get in eyes, on skin, or on clothing. Handling this product may result in electrostatic accumulation. Use proper grounding procedures. Do not use compressed air to either agitate or transfer the contents of storage containers (tanks) / shipping drums containing this material.
Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Prevent soil and water pollution. Use only explosion-proof equipment. Install a retention tank. Ground/bond container and receiving equipment. Proper grounding procedures to avoid static electricity should be followed.
Storage conditions : Store in dry, cool, well-ventilated area. Keep container closed when not in use. Store in tightly closed, properly ventilated containers away from heat, sparks, open flame. Store at ambient temperature.
Incompatible products : Strong oxidizing agents.
Packaging materials : Keep only in the original container. Steel. Stainless steel.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hydrocarbons, C11-C12, isoalkanes, <2% aromatics (90622-57-4)		
France	VME (mg/m ³)	1200 mg/m ³
France	VME (ppm)	177 ppm

8.2. Exposure controls

- Personal protective equipment : Avoid all unnecessary exposure.
Hand protection : In case of repeated or prolonged contact wear gloves. Nitrile rubber. Viton.
Eye protection : Use splash goggles when eye contact due to splashing is possible.
Skin and body protection : Wear suitable protective clothing. Safety shoes.
Respiratory protection : Air-fed respiratory protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit. Put on breathing apparatus.
Environmental exposure controls : Do not allow material to contaminate ground water system.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
Colour : Colourless.
Odour : Weak.
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : No data available

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Boiling point	: 150 - 220 °C
Flash point	: > 55 °C
Auto-ignition temperature	: > 200 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 760 kg/m ³ (20°C)
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: 1.6 mm ² /s (20°C)
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 0.6 vol % 7 vol %

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Heat. Open flame. Sparks. Take precautionary measures against static discharges.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Hydrocarbons, C11-C12, isoalkanes, <2% aromatics (90622-57-4)

LD50 oral rat	> 5000 mg/kg (OCDE 401)
LD50 dermal rabbit	> 5000 mg/kg (OCDE 402)
LC50 inhalation rat (mg/l)	> 5000 mg/m ³ /8h (OCDE 403)

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.

EVA 60

Viscosity, kinematic	1.6 mm ² /s (20°C)
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SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Hydrocarbons, C11-C12, isoalkanes, <2% aromatics
Acute toxicity :
LE0 (48h) = 1000 mg/l (Daphnia magna)
LE0 (72h) = 1000 mg/l (Pseudokirchneriella subcapitata)
DSEO-R (NOELR) = 1000mg/l (Pseudokirchneriella subcapitata)
LL0 (96h) = 1000 mg/l (Oncorhynchus mykiss)

Hydrocarbons, C11-C12, isoalkanes, <2% aromatics
Chronic toxicity :
DSEO-R (NOELR) (21d) >= 1 mg/l (Daphnia magna)

12.2. Persistence and degradability

Hydrocarbons, C11-C12, isoalkanes, <2% aromatics (90622-57-4)

Biodegradation	31.3 % (28d)
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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Component

Hydrocarbons, C11-C12, isoalkanes, <2% aromatics (90622-57-4)	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
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12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Containers remain hazardous when empty. Continue to observe all precautions. Dispose in a safe manner in accordance with local/national regulations.

European List of Waste (LoW) code : According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : 3295
UN-No. (IMDG) : 3295
UN-No.(IATA) : 3295
UN-No.(ADN) : 3295
UN-No. (RID) : 3295

14.2. UN proper shipping name

Proper Shipping Name (ADR) : HYDROCARBONS, LIQUID, N.O.S.
Proper Shipping Name (IMDG) : HYDROCARBONS, LIQUID, N.O.S.
Proper Shipping Name (IATA) : HYDROCARBONS, LIQUID, N.O.S.
Proper Shipping Name (ADN) : HYDROCARBONS, LIQUID, N.O.S.
Proper Shipping Name (RID) : HYDROCARBONS, LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 3
Hazard labels (ADR) : 3



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IMDG

Transport hazard class(es) (IMDG) : 3
Danger labels (IMDG) : 3



IATA

Transport hazard class(es) (IATA) : 3
Hazard labels (IATA) : 3



ADN

Transport hazard class(es) (ADN) : 3
Danger labels (ADN) : 3



RID

Transport hazard class(es) (RID) : 3
Danger labels (RID) : 3



14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : III
Packing group (IATA) : III
Packing group (ADN) : III
Packing group (RID) : III

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR) : F1
Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E1
Packing instructions (ADR) : P001, IBC03, LP01, R001
Mixed packing provisions (ADR) : MP19
Tank code (ADR) : LGBF

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Vehicle for tank carriage : FL
Transport category (ADR) : 3
Hazard identification number (Kemler No.) : 30
Orange plates :



Tunnel restriction code (ADR) : D/E
EAC code : 3YE

14.6.2. Transport by sea

Special provisions (IMDG) : 223
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1, TP29
Stowage category (IMDG) : A
Properties and observations (IMDG) : Immiscible with water.

14.6.3. Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y344
PCA limited quantity max net quantity (IATA) : 10L
PCA packing instructions (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provisions (IATA) : A3, A224
ERG code (IATA) : 3L

14.6.4. Inland waterway transport

Classification code (ADN) : F1
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01
Number of blue cones/lights (ADN) : 0
Not subject to ADN : No

14.6.5. Rail transport

Limited quantities (RID) : 5L
Excepted quantities (RID) : E1
Packing instructions (RID) : P001, IBC03, LP01, R001
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T4
Portable tank and bulk container special provisions (RID) : TP1, TP29
Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W12
Colis express (express parcels) (RID) : CE4
Hazard identification number (RID) : 30
Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no substance on the REACH candidate list

15.1.2. National regulations

France

Occupational diseases : RG 84 - Affections engendrées par les solvants organiques liquides à usage professionnel

No ICPE	Installations classées Désignation de la rubrique	Code Régime	Rayon
1430-1432	Stockage en réservoirs manufacturés de Liquide inflammable de 1ère catégorie (point d'éclair < 55°C)		

15.2. Chemical safety assessment

For this substance a chemical safety assessment has been carried out

SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
Xn	Harmful

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