

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Revision date: 3/13/2018 Supersedes: 2/28/2018 Version: 7.1

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : **DESODO 58**  
Product code : AXE1058M

**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  
ZA LES CLOTTEES  
72210 VOIVRES LES LE MANS - FRANCE

**1.4. Emergency telephone number**

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures/Substances: SDS EU 2015: According to Regulation (EU) 2015/830 (REACH Annex II)**

Flammable liquids, Category 3 H226  
Aspiration hazard, Category 1 H304  
Hazardous to the aquatic environment H413  
— Chronic Hazard, Category 4

Full text of H statements : 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

Hazardous ingredients : Hydrocarbons, C11-C12, isoalkanes, <2% aromatics

Hazard statements (CLP) : H226 - Flammable liquid and vapour.  
H304 - May be fatal if swallowed and enters airways.  
H413 - May cause long lasting harmful effects to aquatic life.

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P240 - Ground and bond container and receiving equipment.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, face protection, protective clothing.  
P301+P310 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER.  
P331 - Do NOT induce vomiting.

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P501 - Dispose of contents and container to a hazardous or special waste collection point.

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

**2.3. Other hazards**

Other hazards not contributing to the classification : Vapour mixes readily with air, forming explosive mixtures. Take precautionary measures against static discharges.

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Not applicable

**3.2. Mixtures**

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C11-C12, isoalkanes, <2% aromatics	(EC-No.) 918-167-1 (REACH-no) 01-2119472146-39	> 90	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 4, H413

Full text of H-statements: see section 16

**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/effects after inhalation : May be irritating to the mucous membranes and to the respiratory system.

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

Symptoms/effects after eye contact : May cause eye irritation.

Symptoms/effects 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 : Thermal decomposition generates : Carbon dioxide. Carbon monoxide. Hydrocarbon. Aldehydes. soot.

**5.3. Advice for firefighters**

Precautionary measures fire : Put on breathing apparatus.

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

##### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 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 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. Do not breathe gas, fumes, vapour or spray.

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. Install a retention tank. Ground/bond container and receiving equipment. Proper grounding procedures to avoid static electricity should be followed. Use only explosion-proof equipment.

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. Stainless steel.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Personal protective equipment:

Avoid all unnecessary exposure.

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**Hand protection:**

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves, Reusable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)			EN 374
Disposable gloves, Reusable gloves	Viton® II	6 (> 480 minutes)			EN 374

**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
Boiling point	: 180 - 191 °C
Flash point	: > 55 °C
Auto-ignition temperature	: > 200 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 0.07 kPa (20°C)
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 760 kg/m <sup>3</sup> (20°C)
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: 1.8 mm <sup>2</sup> /s (20°C)
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Lower explosive limit (LEL)	: 0.5 vol %
Upper explosive limit (UEL)	: 6 vol %

**9.2. Other information**

VOC content	: 100 %
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**SECTION 10: Stability and reactivity****10.1. Reactivity**

None under normal conditions.

**10.2. Chemical stability**

Stable under normal conditions.

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**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 (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

**Hydrocarbons, C11-C12, isoalkanes, <2% aromatics**

LD50 oral rat &gt; 5000 mg/kg (OCDE 401)

LD50 dermal rabbit &gt; 5000 mg/kg (OCDE 402)

LC50 inhalation rat (mg/l) > 5000 mg/m<sup>3</sup> /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

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : May be fatal if swallowed and enters airways.

**DESODO 58**Viscosity, kinematic 1.8 mm<sup>2</sup>/s (20°C)**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)

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : May cause long lasting harmful effects to aquatic life.

**12.2. Persistence and degradability****Hydrocarbons, C11-C12, isoalkanes, <2% aromatics**

Biodegradation 31.3 % (28d)

**12.3. Bioaccumulative potential**

No additional information available

**12.4. Mobility in soil**

No additional information available

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**12.5. Results of PBT and vPvB assessment**

Component	
Hydrocarbons, C11-C12, isoalkanes, <2% aromatics ()	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

**12.6. Other adverse effects**

Other adverse effects : May cause long lasting harmful effects to aquatic life. Avoid release to the environment. Prevent entry to sewers and public waters.






**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Product/Packaging disposal recommendations : Container remains hazardous when empty. Continue to observe all precautions. Dispose in a safe manner in accordance with local/national regulations.

**SECTION 14: Transport information**

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
1993	1993	1993	1993	1993
<b>14.2. UN proper shipping name</b>				
FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.	Flammable liquid, n.o.s.	FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.
<b>Transport document description</b>				
UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III, (D/E)	UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III	UN 1993 Flammable liquid, n.o.s., 3, III	UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III	UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III
<b>14.3. Transport hazard class(es)</b>				
3	3	3	3	3
				
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

**14.6. Special precautions for user**

**- Overland transport**

Classification code (ADR) : F1  
 Special provisions (ADR) : 274, 601  
 Limited quantities (ADR) : 5I  
 Excepted quantities (ADR) : E1  
 Packing instructions (ADR) : P001, IBC03, LP01, R001  
 Mixed packing provisions (ADR) : MP19  
 Portable tank and bulk container instructions (ADR) : T4  
 Portable tank and bulk container special provisions (ADR) : TP1, TP29  
 Tank code (ADR) : LGBF  
 Vehicle for tank carriage : FL  
 Transport category (ADR) : 3

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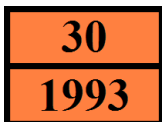
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Special provisions for carriage - Packages (ADR) : V12

Special provisions for carriage - Operation (ADR) : S2

Hazard identification number (Kemler No.) : 30

Orange plates :



Tunnel restriction code (ADR) : D/E

EAC code : •3YE

### - Transport by sea

Special provisions (IMDG) : 223, 274, 955

Packing instructions (IMDG) : P001, LP01

IBC packing instructions (IMDG) : IBC03

Tank instructions (IMDG) : T4

Tank special provisions (IMDG) : TP1, TP29

EmS-No. (Fire) : F-E

EmS-No. (Spillage) : S-E

Stowage category (IMDG) : A

### - 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

ERG code (IATA) : 3L

### - Inland waterway transport

Classification code (ADN) : F1

Special provisions (ADN) : 274, 601

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

### - Rail transport

Classification code (RID) : F1

Special provisions (RID) : 274, 601

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

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Colis express (express parcels) (RID) : CE4  
 Hazard identification number (RID) : 30

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions  
 Contains no substance on the REACH candidate list  
 Contains no REACH Annex XIV substances

VOC content : 100 %

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.2	Precautionary statements (CLP)	Modified	
9.1	Viscosity, kinematic	Modified	
9.1	Upper explosive limit (UEL)	Modified	
9.1	Lower explosive limit (LEL)	Modified	
9.1	Boiling point	Modified	
12.6	Other adverse effects	Added	
15.1	Installations classées	Modified	

Full text of H- and EUH-statements:

Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
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.
H413	May cause long lasting harmful effects to aquatic life.
EUH066	Repeated exposure may cause skin dryness or cracking.

FDS UE (Annexe II REACH)

*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*