

SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: DEKS OLJE D1 AEROSOL.

Product code: D101A.

Company/undertaking identification:

Registered company name: Produits DURIEU S.A..

Address: Z.A.I. "La Marinière" 2,bis rue Charles de Gaulle.91070.BONDOUFLE.FRANCE.

Telephone: + 33 (0)1.60.86.48.70. Fax:+ 33 (0)1.60.86.84.84. Telex:.

Emergency telephone: + 33 (0)1.45.42.59.59.

Association/Organisation: O.R.F.I.L.A.

Use of the substance/preparation:

Hardwood saturator.

2 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 2: see section 16.

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Other substances with occupational exposure limits:

INDEX	CAS	EC	Name	Symb.	R:	%
603-019-00-8	115-10-6	204-065-8	DIMETHYL ETHER	F+	12	25 <= x % < 50

Other components:

INDEX	CAS	EC	Name	Symb.	R:	%
649-327-00-6	64742-48-9	265-150-3	NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	Xn	65	0 <= x % < 2.5
649-330-00-2	64742-82-1	265-185-4	NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY	Xn	65	25 <= x % < 50
649-356-00-4	64742-95-6	265-199-0	SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.	Xn	65	0 <= x % < 2.5

May produce an allergic reaction:

INDEX	CAS	EC	Name	Symb.	R:	%
016	68409-81-4		ACIDES GRAS RAMIFIES EN C6-C19, SELS DE COBALT (2+)	Xn	38 22 43	0 <= x % < 2.5

3 - IDENTIFICATION OF HAZARDS

This product is classed: Extremely flammable.

May produce an allergic reaction.

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation:

If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm and still.

In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

In the event of splashes or contact with skin:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

DO NOT use solvents or thinners.

In the event of swallowing:

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.
If swallowed accidentally, call a doctor to assess the need for monitoring and subsequent treatment in hospital. Show him the label.

5 - FIRE-FIGHTING MEASURES

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

Suitable extinguishing media:

In the event of fire, use specifically suitable extinguishing agents. Never use water.

Extinguishing media which must not be used for safety reasons:

Keep packages near the fire cool, to prevent pressurised containers from bursting.
Prevent the effluent of fire-fighting measures from entering drains or waterways.
Do not use compressed air during filling, emptying or handling.

Special protective equipment for fire-fighters:

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.
Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

On account of the organic solvents contained in the preparation, eliminate sources of ignition and ventilate the premises.
Avoid inhaling the vapors.
Consult the safety measures listed under headings 7 and 8.

Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
Prevent any material from entering drains or waterways.
Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).
If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

Handle in well-ventilated areas.
The vapors are denser than air. They can spread along the ground and form explosive mixtures with air
Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.
Do not spray on a naked flame or any incandescent material.

Fire prevention:

Use the product in premises where there are no naked flames or other sources of ignition and have protected electrical equipment
Keep packages tightly closed and away from sources of heat, sparks and naked flames.
Do not use tools which may produce sparks. Do not smoke.
Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal safety, see §8.
Observe precautions stated on label and also industrial safety regulations
Packages which have been opened must be reclosed carefully and stored in an upright position
Avoid inhaling vapors.

Prohibited equipment and procedures:

Smoking, eating and drinking are prohibited in premises where the preparation is used
Never open the packages under pressure
Do not pierce or burn, even after use.

Storage:

Keep the container tightly closed in a dry, well-ventilated place
Keep away from all sources of ignition - do not smoke.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Keep out of reach of children

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

If this ventilation is insufficient to maintain the concentration of solvent vapors below the exposure limits, wear breathing apparatus

Exposure limit values per INRS ND 2098-174-99 and ND 2114-176-99:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
115-10-6	1000	1920	-	-	-	-
Germany	Class:	MAK-ppm:	MAK-mg/m3:	Notes:	Notes:	
115-10-6	IV	1000	1900	D		
ACGIH(TLV)	TWA-ppm:	TWA-mg/m3:	STEL-ppm:	STEL-mg/m3:	Notes:	Notes:
115-10-6	-	-	-	-	-	-

Exposure limit values per 2000/39/EC and 98/24/EC:

EC	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:
115-10-6	1000	1920	-	-	-

Exposure limit values (2003):

UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:
115-10-6	400 ppm	500 ppm	-	-	-
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
115-10-6	400 ppm	500 ppm	-	-	-

Respiratory protection:

Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

Hand protection:

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

In the event of prolonged or repeated contact with the hands, use appropriate gloves.

Eye and face protection:

Use eye protectors designed to protect against liquid splashes

Skin protection:

For further information, see § 11 of S.D.S. - Toxicological information.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: fluid liquid

Important health, safety and environmental information:

pH of the substance or preparation: neutral.
When a pH measure is possible, it has a value of: not stated.
Boiling point/boiling range: not relevant.
Flash point interval: Flash point: < 0°C. and distillation temperature <= 35°C.
vapour pressure: not specified.
Density: < 1
water solubility: Insoluble.

Other information:

melting point/melting range: not specified.
Self-ignition temperature: 350 °C.
Decomposition point/decomposition range : not relevant.

10 - STABILITY AND REACTIVITY

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and nitrogen oxide

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Conditions to avoid:

Keep away from sources of heat, sparks and naked flames.

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

Exposure to vapors from solvents contained in the preparation beyond the exposure limits stated may produce effects harmful to health, such as:

Irritation of mucous membrane and respiratory system, kidneys, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

Prolonged or repeated contact with the preparation may strip the skin of its natural oil and thus cause non-allergic dermatitis on contact and absorption through the epidermis.

Splashes in the eyes may cause irritation and reversible damage

In the event of exposure by inhalation:

Negligible risks when used under normal conditions at room temperature. Avoid inhaling vapour, steam or smoke.

In the event of swallowing:

Refer to §4 "FIRST AID".

In the event of splashes or contact with skin:

Refer to §4 "FIRST AID".

Slightly irritating on skin if exposed over extended period. Based on relative experimental data on products with similar structure.

In the event of splashes or contact with eyes:

Refer to §4 "FIRST AID".

Can cause slight temporary eye irritation. Based on relative experimental data on products with similar structure.

Other data:

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12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

Mobility:

Contains volatile products that will disperse in air.

Contains a solid phase.

Persistence and degradability:

Not easily biodegradable.

Ecotoxicity:

Harmful to aquatic organisms, can cause long lasting negative effects on the aquatic environment.

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

14 - TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2005 - IMDG 2004 - ICAO/IATA 2005).

UN1950=AEROSOLS

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.
	2	5F	-	2.1	-	LQ2	190-625



IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.
	2	SP63	-	SP277	F-D,S-U	63 190 277
	Marine Pollutant P					



IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note
	2.1	-	-	203	75 kg	203	150 kg	-
	2.1	-	-	Y203	30 kg G	-	-	-

15 - STATUTORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations
In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

Preparation classification:

Extremely flammable.



Contains:

Contains 016

ACIDES GRAS RAMIFIES EN C6-C19, SELS DE COBALT (2+). May produce an allergic reaction.

Particular hazards associated with the preparation and safety recommendations:

- R 12 Extremely flammable.
S 16 Keep away from sources of ignition - no smoking.
S 2 Keep out of reach of children.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.
Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material.
S 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
S 24 Avoid contact with skin.
S 29 Do not empty into drains.
S 51 Use only in well ventilated areas.
S 62 If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.
Marine Pollutant P.

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Full text of risk phrases appearing in section 2:

- R 12 Extremely flammable.
R 22 Harmful if swallowed.
R 38 Irritating to skin.
R 43 May cause sensitization by skin contact.
R 65 Harmful. may cause lung damage if swallowed.