

SAFETY DATA SHEET

DASR (FDS n°928)

Version: 4

Review date: 29/04/2008

1907/2006/EC - ISO 11014-1

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

Product name: DASR (FDS n°928)

Uses or/and applications: Contact disinfectant

Product code nr: 471730

Supplier: Laboratoires PRODENE KLINT
8, rue Léon Jouhaux - Z.A. Pariest CROISSY BEAUBOURG
77435 MARNE LA VALLEE
France
Phone: 01.60.95.49.00
Fax: 01.60.95.49.49
E-mail: catherine.vignot@prodene-klint.com

Emergency phone number (to be used by the practising doctor): UK - National Poisons Information Service Phone: 44 / 191 22 5131

2. HAZARDS IDENTIFICATION

Most important hazards: Flammable.
Irritating to eyes.
Vapours may cause drowsiness and dizziness

Specific hazards: Remove all sources of ignition.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Description of the preparation: Isopropyl alcohol and sorbic acid-based preparation

Component(s) contributing to the hazard: • propan-2-ol; isopropyl alcohol; isopropanol - CAS no: 67-63-0 - EC no: 200-661-7
Conc. wt.(%): 25 < C ≤ 30 - Classification: • F; R 11 • Xi; R 36 • R 67 •

4. FIRST AID MEASURES

General advice: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Never give anything by mouth to an unconscious person.

Inhalation: not very probable . Take victim to fresh air, in a quiet place in an half laying position and urgently take medical advice.

Skin contact: Wash with water and soap as a precaution.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Keep eye wide open while rinsing.

Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. Rinse mouth. Give nothing to drink.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: In case of fire, use: carbon dioxide (CO₂) , alcohol-resistant foam , powder , sand .

Extinguishing media which must NOT be used for safety reasons: Do not use water jet.

Specific method(s): In case of fire in the surroundings: move drums away .
Do not allow run-off from fire fighting to enter drains or water courses.

Specific fire hazard(s): In case of fire and/or explosion do not breathe fumes.

Special protective equipment for fire-fighters: Use a self-contained breathing apparatus and also a protective suit. .

6. ACCIDENTAL RELEASE MEASURES

Personal precaution(s): Concerning personal protective equipment to use, see item 8.
In case of vapour formation use adequate respirator.
Remove all sources of ignition.

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Environmental precaution(s):	Dike and contain spill. Do not contaminate ground and surface water.
Method(s) for cleaning up:	Absorb spilled material with sand or earth. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. After cleaning, flush traces away with water.

7. HANDLING AND STORAGE

Handling

- Precaution(s): The Manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments. For personal protection, see Section 8.
Provide sufficient air exchange and/or exhaust.
When using do not smoke. Do not breathe vapours.
- Technical condition(s): Never mix with other materials.
- Safe handling advice(s): Opened containers must be carefully closed and kept upright to avoid leakage.
Never return unused material to original container.
Do not re-use empty containers without proper cleaning or reconditioning.

Storage

- Precaution(s): Keep container tightly closed.
Keep away from all contamination .
- Storage condition(s): Store in original container.
Store in a dry, cool and well-ventilated place.
Keep out of frost
Store in a temperature included between 0°C and 40° C.
- Packaging / tank material: made of the same material as the supply container. .

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering measure(s): Ensure adequate ventilation, especially in confined areas.
- Control parameter(s):
- Exposure limit(s): • propan-2-ol; isopropyl alcohol; isopropanol:VME ppm = 250 - VME mg/m³ = 650
- Personal protection equipment:
- Respiratory protection: suitable respiratory equipment .
Do not inhale vapour.
 - Hand protection: Not required.
 - Skin and body protection: No special required clothing.
 - Eye protection: Wear eye/face protection .
 - Environmental exposure controls: Avoid undiluted product to come into sewer or superficial water.
Dispose of rinse water as waste water.
- Hygiene measure(s): Wash hands immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

- Physical state / form: liquid clear
- Colour: colourless / light yellow
- Odour: alcoholic

Important health,safety and environmental information

- PH: pure product : 5,5 - 6,0
- Flash point: 24 °C
- Explosion limits: Not applicable.
- Relative density (water = 1): 0,947 - 0,957 (20 °C)
- Viscosity: < 50 mPa.s (20°C)

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- Water solubility: completely soluble .
- Fat solubility: Not determined.
- Solvent solubility: soluble in most organic solvents .

10. STABILITY AND REACTIVITY

- Stability: Stable in use and storage conditions as recommended in item 7.
- Condition(s) to avoid: Avoid temperature above 40 °C .
Keep out of frost
- Material(s) to avoid: Never mix with other materials.
- Hazardous decomposition products: Not applicable.

11. TOXICOLOGICAL INFORMATION

- General information(s): Toxicological effects based on conventional calculation method
- Acute toxicity
- Inhalation: Not determined.
- Skin contact: No skin irritation.
- Eyes contact: Irritating to eyes. (Het-Cam)
- Ingestion: Not dangerous by ingestion
DL50 > 2000mg/kg (oral - rat)
- Specific effect(s): Vapours may cause drowsiness and dizziness

12. ECOLOGICAL INFORMATION

- General information(s): There is no data available on the product itself.
- Environmental toxicity: Ecological problems are not known or expected under normal use.
- Other adverse effects

13. DISPOSAL CONSIDERATIONS

- Waste / unused products: Collect all waste in suitable and labelled containers and dispose according to local legislation.
- Contaminated packaging: Do not re-use empty containers. Container remains hazardous when empty. Continue to observe all precautions.
Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.
- Further Information(s):

14. TRANSPORT INFORMATION

- General information(s): Transport followed ADR, IMDG, IATA
- UN N°: 1987
- Land (Road / Railway: ADR/RID)
- Proper shipping name: ALCOOLS, N.S.A. - ALCOHOLS, N.O.S (isopropyl alcohol)
- Class: 3
- Verpakkingsgroep: III
- ADR/RID-Labels: 3
- Code danger: 30
- Classification code: F1 274
- Packing instructions: P001 IBC03 LP01 R001
- Sea (IMDG)
- Proper shipping name: ALCOOLS, N.S.A. - ALCOHOLS, N.O.S (isopropyl alcohol)
- Class: 3

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- Packaging group:	III
- Marine pollutant:	non
- EmS number:	F-E, S-D
- IMDG-Label(s):	3
- Packing instructions:	P001 LP01
Air (ICAO/IATA)	
- Proper shipping name:	ALCOHOLS, N.O.S (isopropyl alcohol)
- ICAO/IATA class:	3
- Packing group:	III
- ICAO/IATA-Labels:	3
- Important remarks:	Passager and cargo aircraft

15. REGULATORY INFORMATION

Labelling:	According to european directives on classification, packaging and labelling of dangerous substances
EC number:	Not applicable.
Symbol(s):	Xi - Irritant 
R-phrases(s):	10 Flammable. 36 Irritating to eyes. 67 Vapours may cause drowsiness and dizziness
S-phrases(s):	23 Do not breathe gas / fumes / vapour / spray. 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. OTHER INFORMATION

According legislation(s):	Information in this safety data sheet is in compliance with national laws and CE directives. Information in this safety data sheet is based on actual knowledge in our possession and our experience.
Item nr 2 : R-phrases(s)	R11 Highly flammable. R36 Irritating to eyes. R67 Vapours may cause drowsiness and dizziness
Important remarks:	<p>The information contained in this safety data sheet is based on the present state of knowledge and current national legislation it provides guidance on health safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.</p> <p>Given information in this data sheet concerns designated product in chapter 1. And this is transmitted with the intention that the product will be used in the way and for the purpose recommended by producer.</p> <p>It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product.</p>
Uses or/and applications:	Contact disinfectant
Restrictions:	The product should not be used for purposes other than those shown in Section 16 without first referring to the supplier and obtaining written handling instructions.
Recommendation(s):	It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.
History	
- First edition date:	23/03/2004
- Previous revision date:	07/01/2008
- Review date:	29/04/2008

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Written by:	Laboratoires PRODENE KLINT