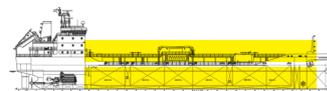


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OIL SPILL DISPERSANT CLEANING OIL SPILLAGE

PHYSICAL DATA

Appearance: Clear yellow liquid
Specific gravity: 0,84 at 15°C
Viscosity at 20°C: 9,5 cSt.
Flash Point: 72°C.
Freezing Point: -20°C.
Corrosive action: No attack on common metals

DESCRIPTION

Liquid compound containing surface active agents and very low toxicity solvents.

- Biodegradable
- Very low toxicity
- Fast and effective usage

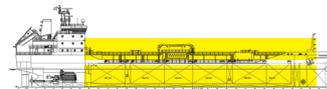
APPLICATIONS

- Dispersal and clearance of accidental oil spills of mineral oil: crude oil, kerosene, residual fuel oil, white spirit, diesel fuel oil, lubricating oils
- For use on oil spills that may occur during loading and discharging of cargo or bunkers.
- For use at sea, in harbours and on around offshore structures.

ADVANTAGES

- Ready for use product -direct application.
- Rapid action -converts hydrocarbons into very fine emulsions.
- Accelerates the chemical breakdown of the oil fractions by marine bacteria.
- Licensed by local Authorities whenever applicable.
- Biodegradability of the dispersant better than 90% within 21 days.

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DIRECTIONS FOR USE

Oil spills on water:

- Contain any floating oil spill where possible, using an oil boom surround.
- If oil layer is thick, pump or skim off as much as possible.
- When as much oil as possible has been taken off, or if spill cannot be contained, apply ECODIS neat. (Consult Product Dose for quantities required).
- For small areas, apply by spray using a portable hand spray gun and extensions. Allow some time for oil to absorb ECODIS, then disperse mixture by agitating with water from fire hoses or by using mechanical means of agitating.
- For large areas use as follows:
 - A) using spraying equipment connected to the sides of a motor launch (ensure the spray is directed over spill before the wake becomes turbulent).
 - B) using spraying equipment connected to a helicopter (helicopter should be kept at a height where down-draught from rotors does not cause the slick to break up whilst spraying). After spraying allow, where possible, time for the oil to absorb ECODIS, then disperse mixture by agitating.

Oil spills on decks, rocks, beaches, etc.

- Remove as much of the oil as possible, by using an oil absorbent powder or similiar.
- Spray ECODIS over the area covered by the oil and allow some time for it to be absorbed into the oil (consult Product Dose for quantities required).
- Disperse the mixture with water either by means of a fire hose, or for certain beaches and rocks by natural tidal wash action.
- Where oil marks are not recent, several applications may be necessary.

PRODUCT DOSE

Dosage of ECODIS depends upon the type and quantity of the oil composing the spill. We recommend the following:

- Regular crude oil -thin layer: use 1 volume of ECODIS for 10 volumes of oil.
- Heavy hydrocarbon oil -or thick layer: use up to 1 volume of ECODIS for 4 volumes of oil

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, THIS INFORMATION IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU DO A TEST TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION FURNISHED BY URRUTY GG NIEGO SRL HEREUNDER ARE GIVEN GRATIS, AND URRUTY GG NIEGO SRL ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

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Safety Data Sheet

1. Identification of the substance / preparation and the Company

1.1 Identification of the substance or preparation

Product name ECODIS

1.2 Use of the substance / preparation

Intended use Oil spill dispersant cleaning oil spillage

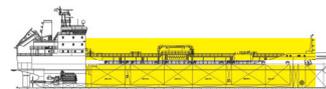
1.3 Company identification

Name Urruty gg Niego S.r.l.
Full address Via al Santuario di N.S. Guardia 58 a
District and Country 16162 Genova Bolzaneto (GE)
Italia
Tel. + 39 010 711395
Fax + 39 010 713120
e-mail address of the competent person responsible for the Safety Data Sheet info@uniservicemarine.com

1.4 Emergency telephone

For urgent inquiries refer to First Aid Information: Centro Antiveleni
Milano - Niguarda
Phone: 02 - 66101029 (specialized in
chemical products poisoning).

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2. Hazards Identification

2.1 Substance/Preparation Classification

This product is dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments. Therefore, this product requires a safety data sheet according to the Regulation (EC) 1907/2006 and subsequent amendments. Further information on health and/or environmental hazards can be found in sections 11 and 12 of this sheet.

Danger Symbols: Xn
R phrases: 65-66

2.2 Danger Identification

HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED.
REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.

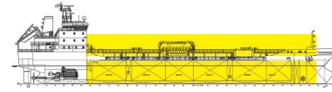
3. Composition / Information on ingredients

Contains:

Name	Concentration % (C)	Classification
EXXSOL D60	82 <= C < 86	R66
CAS No 64742-48-9		Xn R65
CE No 265-150-3		Note H P 4
Index No 649-327-00-6		

The complete text of -R- phrases is specified in section 16.

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4. First aid measures

No episodes of damage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is recommended.

5. Fire-fighting measures

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SUITABLE EXTINGUISHING MEDIA

The extinction equipment should be of the conventional kind: carbon dioxide, foam, powder and nebulised water.

EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

None in particular.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), a depressurised mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of fume.

6. Accidental release measures

PERSONAL PRECAUTIONS

Use breathing equipment if fumes or powders are released into the air.

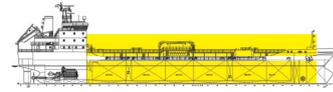
ENVIRONMENTAL PRECAUTIONS

The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

METHODS FOR CLEANING UP

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

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7. Handling and storage

Make sure that equipment is available for cooling the vessels, to prevent the danger of over-pressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

8. Exposure control / personal protection.

8.1 Exposure limit values

Not available

8.2 Exposure controls

As the use of adequate technical equipment must always take priority over personal protection equipment, make sure that the workplace is well aired through effective local aspiration or bad air vent. If such operations do not make it possible to keep the concentration of the product below the permitted workplace exposure thresholds a suitable respiratory tract protection must be used. See product label for hazard details during use. Ask your chemical substance suppliers for advice when choosing personal protection equipment. Personal protection equipment must comply with the rules in force indicated below.

HAND PROTECTION

Protect hands with category II (ref. Directive 89/686/EEC and standard EN 374) work gloves, such as those in PVC, neoprene, nitril or equivalent. The following should be considered when choosing work glove material: degradation, breakage times and permeation. Work glove resistance to preparations should be checked before use, as it can be unpredictable. Gloves' limit depends on the duration of exposure.

EYE PROTECTION

Wear protective airtight goggles (ref. standard EN 166).

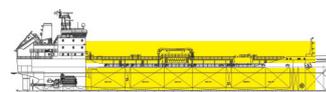
SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (ref. Directive 89/686/CEE and standard EN 344). Wash body with soap and water after removing overalls.

RESPIRATORY PROTECTION

If the threshold value for one or more of the substances present in the preparation for daily exposure in the workplace or to a fraction established by the company's prevention and protection service is exceeded, wear a mask with an B or universal filter, the class (1, 2 or 3) of which must be chosen according to the limit concentration of use (ref. standard EN 141).

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The use of breathing protection equipment, such as masks with organic vapour and dust/mist cartridges, is necessary in the absence of technical measures limiting worker exposure. The protection provided by masks is in any case limited.

If the substance in question is odourless or its olfactory threshold is higher than the relative exposure limit and in the event of an emergency, or when exposure levels are unknown or the concentration of oxygen in the workplace is less than 17% volume, wear self-contained, open-circuit compressed air breathing apparatus (ref. standard EN 137) or fresh air hose breathing apparatus for use with full face mask, half mask or mouthpiece (ref. standard EN 138).

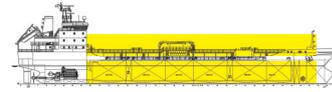
An emergency eye washing and shower system must be provided.

In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.

9. Physical and chemical properties

Colour	Not available
Odour	typical
Appearance	liquid
Solubility	emulsifying
Specific gravity	0,82 Kg/l
Vapour density	Not available
Evaporation speed	Not available
Comburent properties	Not available
Partition coefficient: n-octanol/water	Not available
pH	Not available
Boiling point	Not available
Melting point	<-5°C
Flash point	>71°C
Lower explosive limit	0,5% (v/v)
Upper explosive limit	8% (v/v)
Ignition temperature	225°C
Vapour pressure	0,04kPa
Specific gravity	0,820Kg/l

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10. Stability and reactivity

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

11. Toxicological information

The introduction of even small quantities of this liquid into the respiratory system in case of ingestion or vomit may cause bronchopneumonia and pulmonary edema.

This product may have a degreasing action on the skin, producing dryness and chapped skin after repeated exposure.

12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

13. Disposal consideration

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

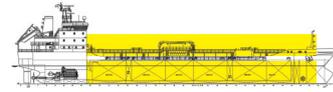
CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

14. Transport information

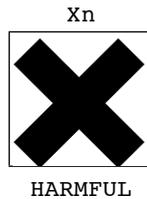
This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

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15. Regulatory information



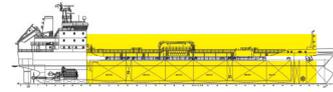
- R65 HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED.
- R66 REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.
- S62 IF SWALLOWED, DO NOT INDUCE VOMITING: SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL.

Contains:
EXXSOL D60

Danger labelling under directives 67/548/EEC and 1999/45/EC and following amendments and adjustments.

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

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16. Other information

Text of (R) phrases quoted in section 3 of the sheet.

- R65 HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED.
R66 REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments;
2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
3. Regulation (EC) 1272/2008 (CLP) of the European Parliament;
4. Regulation (EC) 1907/2006 (REACH) of the European Parliament;
5. The Merck Index. - 10th Edition;
6. Handling Chemical Safety;
7. Niosh - Registry of Toxic Effects of Chemical Substances;
8. INRS - Fiche Toxicologique (toxicological sheet);
9. Patty - Industrial Hygiene and Toxicology;
10. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition;

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Changes to previous review

The following sections were modified:

08