

Safety Data Sheet

3009010 - ACIDIC STRIPPER FOR E-COATING



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Safety Data Sheet dated 3/2/2012, version 4

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Trade name: 3009010 - ACIDIC STRIPPER FOR E-COATING

Product type and use: Solvent for paint products

Company:

LEGOR GROUP S.p.A.
Via del Lavoro, 1
36050 Bressanvido (VI)
Italy

Emergency telephone number of the company and/or of an authorised advisory centre:

LEGOR GROUP S.p.A.
tel. +39 0444 467911 fax +39 0444 660677

Centro Antiveleni
Ospedale di Niguarda "Ca Grande"
Piazza Ospedale Maggiore 3
20162 Milano
Telephone: +39 (0) 2/66 10 10 29
Telefax: +39 (0) 2/64 44 27 68
Italiano (French, English)
(24-hour-service)

2. HAZARDS IDENTIFICATION

The product is harmful following acute exposure to it and poses a serious health threat if inhaled, ingested, or brought into contact with the skin.

The product is toxic following acute exposure to it and poses a serious health threat if inhaled, ingested, or brought into contact with the skin.

The product is corrosive and, if brought into contact with the skin, causes burning, with the destruction of the entire thickness of skin tissue.

If inhaled, the product causes irritation in the airways.

The product may present a risk of carcinogenesis.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:

85 % dichloromethane; methylene chloride

Index number: 602-004-00-3, CAS: 75-09-2, EC: 200-838-9

Carc. Cat. 3; R40

10 % formic acid ... %

Index number: 607-001-00-0, CAS: 64-18-6, EC: 200-579-1
C; R35

5 % chloroacetic acid

Index number: 607-003-00-1, CAS: 79-11-8, EC: 201-178-4
T,C,N; R23/24/25-34-50

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4. FIRST AID MEASURES

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

In case of eyes contact:

Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. OBTAIN A MEDICAL EXAMINATION.

Do not use eyewash or ointment of any kind (before obtaining an examination or advice from an eye specialist).

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

Give liquid paraffin to drink; do not give milk or animal or vegetable fats of any kind.

Give 1 pint of milk or water to drink. Give repeated drinks of water (one capful) every 10 minutes.

In case of Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area. OBTAIN MEDICAL ATTENTION.

If breathing stops, apply artificial respiration.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

Use a mask, gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

Rapidly recover the product. To do so, wear a mask and protective clothing.

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions:

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Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working.

Incompatible materials:

None in particular.

Storage conditions:

Instructions as regards storage premises:

Adequately ventilated premises.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Use respiratory protection where ventilation is insufficient or exposure is prolonged.

Use adequate protective respiratory equipment.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Eye protection:

Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Exposure limit(s) (ACGIH):

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TLV TWA: Diclorometano:180 mg/m³. Acido formico:9,5 mg/m³

dichloromethane; methylene chloride

TLV TWA: 50 ppm, A3 - 173,68 mg/m³, A3 TLV STEL: A3

formic acid ... %

TLV TWA: 5 ppm - 9,41 mg/m³ TLV STEL: 10 ppm - 18,82 mg/m³

chloroacetic acid

TLV TWA: 0,5 ppm, A4 - 1,93 mg/m³, A4 Skin TLV STEL: A4 Skin

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: Colourless to yellow liquid

Odour: Typical

pH: <2

Melting point / freezing point: N.A.

Initial boiling point and boiling range: N.A.

Flash point: N.A.

Solid/gas flammability: N.A.

Autoignition temperature: N.A.

Explosive properties: N.A.

Oxidizing properties: N.A.

Vapour pressure: N.A.

Relative density: 1,32 g/cm³

Solubility in water: Insoluble in water

Lipid solubility: 4

Partition c. (n-octanol/H₂O): N.A.

Vapour density: N.A.

10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions.

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Substances to avoid:

None in particular.

Hazardous decomposition products:

None.

It may generate flammable gases on contact with caustic substances, and nitrides.

It may generate toxic gases on contact with mineral acids, aliphatic and aromatic amines, and powerful oxidising agents.

It may catch fire on contact with oxidising mineral acids, and elementary metals (sheets and bars).

11. TOXICOLOGICAL INFORMATION

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information on main components of the mixture:

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Acute toxicity:

The product is noxious even if absorbed in minimum quantities. Disturbs could be abdominal pain, nausea, vomit, dhyarrhea. It is to be considered a carinogenic compound, although not sufficient information are available.

DICHLOROMETHANE: Cognitive disturbs if inhaled in high quantities; 200 - 500 ppm revealed abdominal pain, nausea, vomit, dhyarrhea, vertigo, asthenia, headache. Skin contact generates pain, without leaving burns. The substance is considered as carcinogenic (Cat. 3). Epidemiologic studies with exposures around 200 ppm (700 mg/m³) did not reveal health effects.

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

List of substances dangerous for the environment and corresponding classification:

5 % chloroacetic acid

CAS: 79-11-8

R50 Very toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

ADR-UN number:	2927, Shipping name: TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S. (Dichloromethane)
ADR-Class:	6.1 (8)
ADR-Shipping Name:	Toxic liquid, corrosive, organic, n.o.s. (Dichloromethane)
ADR-Label:	6.1 (8)
ADR-Packing Group:	II
Rail (RID):	6.1 (8)
IATA-Un number:	UN2927
IATA-Class:	6.1 (8)
IATA-Technical name:	Toxic liquid, corrosive, organic, n.o.s. (Dichloromethane)
IATA-Passenger Aircraft:	1 L
IATA-Cargo Aircraft:	30 L

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IATA-Label:	6.1 (8)
IATA-Packing group:	II
Marine pollutant:	Marine pollutant
IMDG-Un number:	UN2927
IMDG-Class:	6.1 (8)
IMDG-Technical name:	Toxic liquid, corrosive, organic, n.o.s. (Dichloromethane)
IMDG-Packing group:	II
IMDG-Label:	6.1 (8)

15. REGULATORY INFORMATION

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP) (Annex VI), Regulation (CE) n.790/2009.

Symbols:

T Toxic
C Corrosive

R Phrases:

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R34 Causes burns.
R37 Irritating to respiratory system.
R40 Limited evidence of a carcinogenic effect.

S Phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Contents:

dichloromethane; methylene chloride
formic acid ... %
chloroacetic acid

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.
Regulation (EC) nr 648/2004 (detergents).

16. OTHER INFORMATION

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand
Reinold
ACGIH - Threshold Limit Values - 2004 edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.
