

Safety Data Sheet

According to Annex II to REACH - Regulation 2015/830

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: C7128, C7127, C7142, C7143, C7144
Product name: MAX - POLISH ABRASIVO

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: Polish for body and boating. Professional use only.

Uses advised against: no one in particular

1.3. Details of the supplier of the safety data sheet

Name: ILPA ADESIVI SRL
Full address: Via Ferorelli, 4
District and Country: 70132 BARI (BARI)
ITALIA
Tel. + 39 0805383837
Fax + 39 0805377807

e-mail address of the competent person
responsible for the Safety Data Sheet

laboratorio@ilpa.it

1.4. Emergency telephone number

For urgent inquiries refer to + 39 0808974667 (Technical support - 8,00 - 17,00 - LUN-VEN; MON-FRI)(Italian time zone)
Safety Executive (HSE) Chemicals Regulation Directorate 5S.1 Redgrave Court, Merton Road, Bootle, Merseyside. L20 7HS.
Phone: +44 151 9513317

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2015/830. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

C7128 - POLISH ABRASIVO

Flammable liquid, category 2
Eye irritation, category 2

H225
H319

Highly flammable liquid and vapour.
Causes serious eye irritation.

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words: Danger

Hazard statements:

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P264 Wash the skin thoroughly after handling.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P337+P313 If eye irritation persists: Get medical advice / attention.

Product not intended for uses provided for by Dir. 2004/42/CE.

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

| Identification | x = Conc. % | Classification 1272/2008 (CLP) |
|---|---------------|--------------------------------|
| Hydrocarbons, C10-C13, n-alkanes, <2% aromatics | | |
| CAS - | 16,5 ≤ x < 18 | Asp. Tox. 1 H304, EUH066 |
| EC 929-018-5 | | |
| INDEX - | | |
| Reg. no. 01-2119475608-26 | | |

**PARAFFIN WAXES AND
HYDROCARBON WAXES**

CAS 8002-74-2

 $5 \leq x < 6$

Substance with a community workplace exposure limit.

EC 232-315-6

INDEX -

Reg. no. 01-2119488076-30

ETHANOL

CAS 64-17-5

 $5 \leq x < 6$

Flam. Liq. 2 H225, Eye Irrit. 2 H319

EC 200-578-6

INDEX 603-002-00-5

Reg. no. 01-2119457610-43

**ETHOXYLATED ISOTRIDECYL
ALCOHOL**

CAS 24938-91-8

 $1 \leq x < 1,5$

Acute Tox. 4 H302, Eye Dam. 1 H318, Aquatic Chronic 3 H412

EC 607-463-3

INDEX -

**Distillates (petroleum),
hydrotreated light**

CAS 64742-47-8

 $0,05 \leq x < 0,1$

Asp. Tox. 1 H304, EUH066

EC 926-141-6

INDEX -

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures**4.1. Description of first aid measures**

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.

INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

PROTECTIVE MEASURES FOR THE FIRST RESCUE WORKERS: for PPE (personal protection equipment) required for first aid refer to section 8.2 of this safety data sheet.

4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5. Firefighting measures**5.1. Extinguishing media**

SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

5.3. Advice for firefighters

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.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

Send away individuals who are not suitably equipped. Use explosion-proof equipment. Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. When performing transfer operations involving large containers, connect to an earthing system and wear antistatic footwear. Vigorous stirring and flow through the tubes and equipment may cause the formation and accumulation of electrostatic charges. In order to avoid the risk of fires and explosions, never use compressed air when handling. Open containers with caution as they may be pressurised. Do not eat, drink or smoke during use. Avoid leakage of the

product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

No use other than specified in Section 1.2 of this safety data sheet.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

| | | |
|-----|----------------|---|
| DEU | Deutschland | TRGS 900 - Seite 1 von 69 (Fassung 29.03.2019)- Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte |
| ESP | España | LÍMITES DE EXPOSICIÓN PROFESIONAL PARA AGENTES QUÍMICOS EN ESPAÑA 2019 (INSST) |
| FRA | France | Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS |
| GBR | United Kingdom | EH40/2005 Workplace exposure limits (Third edition,published 2018) |
| GRC | Ελλάδα | ΕΦΗΜΕΡΙΔΑ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ - ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 152 - 21 Αυγούστου 2018 |
| HRV | Hrvatska | Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 91/18) |
| NLD | Nederland | Regeling van de Staatssecretaris van Sociale Zaken en Werkgelegenheid van 13 juli 2018, 2018-0000118517 tot wijziging van de Arbeidsomstandighedenregeling in verband met de implementatie van Richtlijn 2017/164 in Bijlage XIII |
| EU | OEL EU | Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 91/322/EEC. |
| | TLV-ACGIH | ACGIH 2019 |

Hydrocarbons, C10-C13, n-alkanes, <2% aromatics

Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers | | | | Effects on workers | | | |
|-------------------|----------------------|----------------|---------------|------------------|--------------------|----------------|---------------|------------------|
| | Acute local | Acute systemic | Chronic local | Chronic systemic | Acute local | Acute systemic | Chronic local | Chronic systemic |
| Oral | VND | NPI | | | | | | |
| Inhalation | NPI | NPI | NPI | NPI | NPI | NPI | NPI | NPI |
| Skin | NPI | NPI | NPI | NPI | NPI | NPI | NPI | NPI |

PARAFFIN WAXES AND HYDROCARBON WAXES

Threshold Limit Value

| Type | Country | TWA/8h | STEL/15min | Remarks / Observations | |
|------|---------|--------|------------|------------------------|-----|
| | | mg/m3 | ppm | mg/m3 | ppm |
| OEL | EU | 2 | | | |

ETHANOL

Threshold Limit Value

| Type | Country | TWA/8h | STEL/15min | Remarks / Observations | |
|------|---------|--------|------------|------------------------|------|
| | | mg/m3 | ppm | mg/m3 | ppm |
| AGW | DEU | 380 | 200 | 1520 | 800 |
| MAK | DEU | 380 | 200 | 1520 | 800 |
| VLA | ESP | | | 1910 | 1000 |

ILPA ADESIVI SRL

Revision nr. 2

Dated 23/07/2020

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Printed on 23/07/2020

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Replaced revision:1 (Dated: 21/04/2016)

| | | | | | |
|-----------|-----|------|------|------|------|
| VLEP | FRA | 1900 | 1000 | 9500 | 5000 |
| WEL | GBR | 1920 | 1000 | | |
| TLV | GRC | 1900 | 1000 | | |
| GVI/KGVI | HRV | 1900 | 1000 | | |
| TGG | NLD | 260 | | 1900 | SKIN |
| TLV-ACGIH | | | | 1884 | 1000 |

| | | | | | |
|--|--|--|--|------|---------|
| Predicted no-effect concentration - PNEC | | | | | |
| Normal value in fresh water | | | | 0,96 | mg/l |
| Normal value in marine water | | | | 0,79 | mg/l |
| Normal value for fresh water sediment | | | | 3,6 | mg/kg/d |
| Normal value for marine water sediment | | | | 2,9 | mg/kg/d |
| Normal value for water, intermittent release | | | | 2,75 | mg/l |
| Normal value of STP microorganisms | | | | 580 | mg/l |
| Normal value for the terrestrial compartment | | | | 0,63 | mg/kg/d |

| Health - Derived no-effect level - DNEL / DMEL | | | | | | | | |
|--|----------------------|----------------|---------------|------------------|--------------------|----------------|---------------|------------------|
| Route of exposure | Effects on consumers | | | | Effects on workers | | | |
| | Acute local | Acute systemic | Chronic local | Chronic systemic | Acute local | Acute systemic | Chronic local | Chronic systemic |
| Oral | VND | VND | VND | 87 mg/kg bw/d | | | | |
| Inhalation | 950 mg/m3 | VND | VND | 114 mg/m3 | 1900 mg/m3 | VND | VND | 950 mg/m3 |
| Skin | VND | VND | VND | 206 mg/kg bw/d | VND | VND | VND | 343 mg/kg bw/d |

| Distillates (petroleum), hydrotreated light | | | | | | |
|---|---------|--------|-----|------------|-----|------------------------|
| Threshold Limit Value | | | | | | |
| Type | Country | TWA/8h | | STEL/15min | | Remarks / Observations |
| | | mg/m3 | ppm | mg/m3 | ppm | |
| OEL | EU | 1200 | | | | |

| | | | | | | |
|--|--|--|--|-----|--|--|
| Predicted no-effect concentration - PNEC | | | | | | |
| Normal value in fresh water | | | | VND | | |
| Normal value in marine water | | | | VND | | |
| Normal value for fresh water sediment | | | | VND | | |
| Normal value for marine water sediment | | | | VND | | |
| Normal value of STP microorganisms | | | | VND | | |
| Normal value for the terrestrial compartment | | | | VND | | |

| Health - Derived no-effect level - DNEL / DMEL | | | | | | | | |
|--|----------------------|----------------|---------------|------------------|--------------------|----------------|---------------|------------------|
| Route of exposure | Effects on consumers | | | | Effects on workers | | | |
| | Acute local | Acute systemic | Chronic local | Chronic systemic | Acute local | Acute systemic | Chronic local | Chronic systemic |
| Oral | | NPI | | NPI | | | | |
| Inhalation | NPI | NPI | NPI | NPI | NPI | NPI | NPI | NPI |
| Skin | NPI | NPI | NPI | NPI | NPI | NPI | NPI | NPI |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a type AX filter, whose limit of use will be defined by the manufacturer (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--------------------------------|------------------------------------|
| Appearance | pasty liquid |
| Colour | pink |
| Odour | mild |
| Odour threshold | 10 ppm (ETHANOL) |
| pH | 7 (25°C) |
| Melting point / freezing point | -114°C (ETHANOL) |
| Initial boiling point | > 35 °C |
| Boiling range | Not available |
| Flash point | < 23 °C |
| Evaporation rate | 2,3 (n-Butil Acetate =1) (ETHANOL) |
| Flammability (solid, gas) | not applicable |
| Lower inflammability limit | 2,5% (ETHANOL) |
| Upper inflammability limit | 13,5% (ETHANOL) |
| Lower explosive limit | 3,3 Vol% (ETHANOL) |
| Upper explosive limit | 19 Vol% (ETHANOL) |

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| | |
|--|---|
| Vapour pressure | 57,26 hPa (19,6°C) (ETHANOL) |
| Vapour density | 1,6 (air=1) (ETHANOL) |
| Relative density | 1,000 Kg/l |
| Solubility | soluble in water |
| Partition coefficient: n-octanol/water | LogPow -0,35 (24°C) (ETHANOL) |
| Auto-ignition temperature | >363°C (1atm) (ETHANOL). |
| Decomposition temperature | Not available |
| Viscosity | 3800 ± 100 cPs (20°C) |
| Explosive properties | Product does not present an explosion hazard. |
| Oxidising properties | not applicable |

9.2. Other information

VOC (Directive 2010/75/EC) : 5,90 % - 59,00 g/litre

VOC (volatile carbon) : 3,13 %

SECTION 10. Stability and reactivity**10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

ETHANOL

Risk of explosion on contact with: alkaline metals,alkaline oxides,calcium hypochlorite,sulphur monofluoride,acetic anhydride,acids,concentrated hydrogen peroxide,perchlorates,perchloric acid,perchloronitrile,mercury nitrate,nitric acid,silver,silver nitrate,ammonia,silver oxide,ammonia,strong oxidising agents,nitrogen dioxide.May react dangerously with: bromoacetylene,chlorine acetylene,bromine trifluoride,chromium trioxide,chromyl chloride,fluorine,potassium tert-butoxide,lithium hydride,phosphorus trioxide,black platinum,zirconium (IV) chloride,zirconium (IV) iodide.Forms explosive mixtures with: air.

10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

ETHANOL

Avoid exposure to: sources of heat,naked flames.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

LC50 (Inhalation) of the mixture:

Not classified (no significant component)

LD50 (Oral) of the mixture:

>2000 mg/kg

LD50 (Dermal) of the mixture:

Not classified (no significant component)

ETHANOL

LD50 (Oral) > 5000 mg/kg Rat

LC50 (Inhalation) 120 mg/l/4h Pimephales promelas

PARAFFIN WAXES AND HYDROCARBON WAXES

LD50 (Oral) > 5000 mg/kg rat, according to (OECD Guideline 420)

LD50 (Dermal) > 2000 mg/kg rat, according to (OECD Guideline 402)

Hydrocarbons, C10-C13, n-alkanes, <2% aromatics

LD50 (Oral) > 5000 mg/kg rat, equivalent or similar to (OECD Guideline 401)

LD50 (Dermal) > 2000 mg/kg rat, equivalent or similar to (OECD Guideline 402)

LC50 (Inhalation) > 4,951 mg/l/4h rat, equivalent or similar to (OECD Guideline 403)

Distillates (petroleum), hydrotreated light

LD50 (Oral) > 5000 mg/kg rat, equivalent or similar to (OECD Guideline 420)

LD50 (Dermal) > 2000 mg/kg rabbit, equivalent or similar to (OECD Guideline 402)

LC50 (Inhalation) > 5,28 mg/l/4h rat, equivalent or similar to (OECD Guideline 403)

SKIN CORROSION / IRRITATION

Repeated exposure may cause skin dryness or cracking.

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class Viscosity: 3800 ± 100 cPs (20°C)

SECTION 12. Ecological information

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways.

Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

12.1. Toxicity

ETHANOL

LC50 - for Fish 14200 mg/l/96h Pimephales promelas, according to (US EPA method E03-05)
 EC50 - for Crustacea 5012 mg/l/48h Ceriodaphnia dubia, according to (ASTM E729-80)

ETHOXYLATED ISOTRIDECYL ALCOHOL

LC50 - for Fish 5,9 mg/l/96h (Lepomis macrochirus) (Bluegill (mortality)) (SDS supplier)

PARAFFIN WAXES AND HYDROCARBON WAXES

LC50 - for Fish > 100 mg/l/96h Pimephales promelas, according to (OECD Guideline 203)
 Chronic NOEC for Crustacea > 10000 mg/l Daphnia magna, according to (OECD Guideline 202)
 Chronic NOEC for Algae / Aquatic Plants > 100 mg/l Pseudokirchnerella subcapitata, according to (OECD Guideline 201)

Hydrocarbons, C10-C13, n-alkanes, <2% aromatics

LC50 - for Fish > 10 mg/l/96h Oncorhynchus mykiss, according to (OECD Guideline 203)
 EC50 - for Crustacea > 1000 mg/l/48h Daphnia magna, according to (GESAMP - reports and studies no. 17, 1982)
 EC50 - for Algae / Aquatic Plants > 100 mg/l/72h Skeletonema costatum, according to (ISO 10253)

Distillates (petroleum), hydrotreated light

LC50 - for Fish > 1000 mg/l/96h Oncorhynchus mykiss, according to (OECD Guideline 203)
 EC50 - for Crustacea > 1000 mg/l/48h Daphnia magna, according to (OECD Guideline 202)
 EC50 - for Algae / Aquatic Plants > 1000 mg/l/72h Raphidocelis subcapitata, according to (OECD Guideline 201)

12.2. Persistence and degradability

ETHANOL

Solubility in water 1000 - 10000 mg/l

Rapidly degradable

12.3. Bioaccumulative potential

ETHANOL

Partition coefficient: n-octanol/water -0,35

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects

Information not available

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

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.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

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

SECTION 14. Transport information**14.1. UN number**

ADR / RID, IMDG, IATA: 1993

14.2. UN proper shipping name

ADR / RID: FLAMMABLE LIQUID, N.O.S. MIXTURE (contens: Ethanol)

IMDG: FLAMMABLE LIQUID, N.O.S. MIXTURE (contens: Ethanol)

IATA: FLAMMABLE LIQUID, N.O.S. MIXTURE (contens: Ethanol)

14.3. Transport hazard class(es)

ADR / RID: Class: 3 Label: 3

IMDG: Class: 3 Label: 3

IATA: Class: 3 Label: 3

**14.4. Packing group**

ADR / RID, IMDG, IATA: II

14.5. Environmental hazards

ADR / RID: NO

IMDG: NO

IATA: NO

14.6. Special precautions for user

| | | | |
|------------|--|-------------------------|--------------------------------|
| ADR / RID: | HIN - Kemler: 33 Special Provision: - | Limited Quantities: 1 L | Tunnel restriction code: (D/E) |
| IMDG: | EMS: F-E, <u>S-E</u> | Limited Quantities: 1 L | |
| IATA: | Cargo: | Maximum quantity: 60 L | Packaging instructions: 364 |
| | Pass.: | Maximum quantity: 5 L | Packaging instructions: 353 |
| | Special Instructions: | A3 | |

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

Information not relevant

SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18/EC: P5c

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product Point

3. Liquid substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/ 2008:
 (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F;
 (b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10;
 (c) hazard class 4.1;
 (d) hazard class 5.1.

40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to that Regulation or not.

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

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.

VOC (Directive 2004/42/EC) :

Preparatory and cleaning - precleaner.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

| | |
|--------------------------|--|
| Flam. Liq. 2 | Flammable liquid, category 2 |
| Acute Tox. 4 | Acute toxicity, category 4 |
| Asp. Tox. 1 | Aspiration hazard, category 1 |
| Eye Dam. 1 | Serious eye damage, category 1 |
| Eye Irrit. 2 | Eye irritation, category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment, chronic toxicity, category 3 |
| H225 | Highly flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level

- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

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 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
 3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
 4. Regulation (EU) 2015/830 of the European Parliament
 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
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 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
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- The Merck Index. - 10th Edition
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 - INRS - Fiche Toxicologique (toxicological sheet)
 - Patty - Industrial Hygiene and Toxicology
 - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
 - IFA GESTIS website
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 - Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) – Italy

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Codice azienda: IT00465900728
 Ragione sociale: Ilpa Adesivi Srl
 Nome prodotto ISS: MAX - POLISH ABRASIVO
 Codice prodotto ISS: C7128

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.
 Provide appointed staff with adequate training on how to use chemical products.
 Product's classification is based on the calculation methods set out in Annex I of the CLP Regulation, unless otherwise indicated in sections 11 and 12.
 The data for evaluation of chemical-physical properties are reported in section 9.

Training for workers:

Worker training should include content, updates and duration depending on the risk profiles assigned to the business sectors they belong

Classification according to Regulation (EC) Nr. 1272/2008

Flam. Liq. 2, H225
 Eye Irrit. 2, H319

Classification procedure

Calculation method
 Calculation method

Changes to previous review:
The following sections were modified:
01 / 02 / 03 / 04 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 14 / 15 / 16.