

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Nano Mold Coating Remover

1.2. Recommended use and restrictions on use

Recommended use : Cleaner
Restrictions on use : None known

1.3. Supplier

Nanoplas Inc.
2950 Prairie Street South West
Suite 900
Grandville, MI, 49418
T (616)-452-3707
info@nanomoldcoating.com

1.4. Emergency telephone number

Emergency number : For Chemical Emergency Call INFOTRAC 24hr/day 7days/week
Within USA and Canada: ...
Outside USA and Canada: ...
(collect calls accepted)
Within USA, Mexico and Canada: 800-535-5053 ID# 102222
Outside USA, Mexico and Canada: 1-352-323-3500 ID# 102222

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquids Category 3	H226	Flammable liquid and vapor
Skin corrosion/irritation Category 2	H315	Causes skin irritation
Serious eye damage Category 1	H318	Causes serious eye damage
Skin sensitization, Category 1	H317	May cause an allergic skin reaction
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336	May cause drowsiness or dizziness
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335	May cause respiratory irritation
Aspiration hazard Category 1	H304	May be fatal if swallowed and enters airways

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : H226 - Flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation

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Precautionary statements (GHS US)	H317 - May cause an allergic skin reaction H318 - Causes serious eye damage H335 - May cause respiratory irritation H336 - May cause drowsiness or dizziness : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/Bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P261 - Avoid breathing mist, spray, vapors. P264 - Wash hands, forearms and face thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing must not be allowed out of the workplace. P280 - Wear protective gloves, protective clothing, eye protection. P301+P310 - If swallowed: Immediately call a poison center or doctor. P331 - Do NOT induce vomiting. P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P363 - Wash contaminated clothing before reuse. P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing. P312 - Call a poison center or doctor if you feel unwell. P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/physician. P370+P378 - In case of fire: Use alcohol resistant foam, dry extinguishing powder, carbon dioxide (CO2) to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up. P501 - Dispose of contents/container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
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2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : None known.

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Ethyl lactate, ethyl DL-lactate	CAS-No.: 97-64-3	< 80
D-Limonene	CAS-No.: 5989-27-5	< 80
2-methylpropan-1-ol, iso-butanol	CAS-No.: 78-83-1	< 50

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Call a poison center or a doctor if you feel unwell. Move the affected person to fresh air. Get medical attention if symptoms occur.
First-aid measures after skin contact	: Rinse skin with water/shower. Gently wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
First-aid measures after ingestion	: Rinse mouth out with water. Do NOT induce vomiting. Get immediate medical advice/attention.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects	: Aspiration hazard. May be fatal if swallowed and enters airways. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. May cause respiratory irritation.
Inhalation	: High concentration of vapors may induce: headache, nausea, dizziness. May cause respiratory irritation. Intentional abuse may be harmful or fatal.
Skin	: Causes skin irritation. May cause an allergic skin reaction.
Eyes	: Serious damage to eyes.
Ingestion	: Aspiration hazard. May be fatal if swallowed and enters airways. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: No chronic health hazards are likely for this material.

4.3. Immediate medical attention and special treatment, if necessary

Aspiration hazard. If swallowed then seek immediate medical assistance. Immediate medical attention is required for eye contact.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Dry chemical, CO ₂ , or water spray or regular foam.
Unsuitable extinguishing media	: Use of heavy stream of water may spread fire.

5.2. Specific hazards arising from the chemical

Fire hazard	: Flammable liquid and vapor. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors. Keep away from open flames, hot surfaces and sources of ignition.
Explosion hazard	: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Hydrocarbon. Carbon oxides (CO, CO ₂).

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Use self-contained breathing apparatus and chemically protective clothing.

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Keep unnecessary and unprotected personnel away from the spillage. Do not attempt to take action without suitable protective equipment.

6.1.1. For non-emergency personnel

Emergency procedures : Eliminate ignition sources. No open flames, no sparks, and no smoking. Ventilate spillage area. Avoid breathing mist, spray, vapors. Avoid contact with skin and eyes. Do not get in eyes, on skin, or on clothing. Do not touch or walk on the spilled product.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Do not allow product to spread into the environment. Notify authorities if liquid enters sewers or public waters. Report spill as required by local and federal regulations.

6.3. Methods and material for containment and cleaning up

For containment : Dike and contain spill. Collect spillage.
Methods for cleaning up : Ventilate area. Absorb and/or contain spill with inert material, then place in suitable container. No open flames, no sparks, and no smoking. Use personal protective equipment as required.
Other information : Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure adequate ventilation. Use explosion-proof equipment. Take precautionary measures against static discharge. Ground/bond container and receiving equipment. Use only non-sparking tools. Flammable vapors may accumulate in the container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid breathing mist, spray, vapors. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Keep container closed when not in use. Handle in accordance with good industrial hygiene and safety procedures.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.
Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed.
Incompatible materials : Strong oxidizers. Sources of ignition.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard

2-methylpropan-1-ol, iso-butanol (78-83-1)

USA - ACGIH - Occupational Exposure Limits

Local name	Isobutanol
ACGIH OEL TWA	50 ppm
Remark (ACGIH)	TLV® Basis: Skin & eye irr
Regulatory reference	ACGIH 2024

USA - OSHA - Occupational Exposure Limits

Local name	Isobutyl alcohol
OSHA PEL (TWA)	300 mg/m ³
	100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls	: Provide adequate general and local exhaust ventilation. Use explosion-proof equipment. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Environmental exposure controls	: Do not allow product to spread into the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear impervious gloves. Consult supplier for specific recommendations.

Eye protection:

Chemical goggles

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear. Colorless to pale yellow liquid.
Color	: colorless to pale yellow
Odor	: citrus-like
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 113 °C
Flash point	: 38 °C ASTM D 93
Relative evaporation rate (butyl acetate=1)	: 0.31

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Flammability (solid, gas)	: Flammable liquid and vapor.
Vapor pressure	: ≈ 7 at 20 C
Relative vapor density at 20°C	: ≈ 3
Relative density	: 0.894
Solubility	: Partially soluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: Not oxidising.

9.2. Other information

VOC content : 902 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport. Flammable liquid and vapor.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Keep away from oxidizers, strong acids and strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Ethyl lactate, ethyl DL-lactate (97-64-3)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg

2-methylpropan-1-ol, iso-butanol (78-83-1)

LD50 oral rat	2830 – 3350 mg/kg
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According to 29CFR 1910.1200 OSHA Hazard Communication Standard

2-methylpropan-1-ol, iso-butanol (78-83-1)

LD50 dermal rat > 2000 mg/kg

LC50 Inhalation - Rat 24.6 mg/l/4h

D-Limonene (5989-27-5)

LD50 oral rat > 2000 mg/kg body weight

LD50 dermal rabbit > 5000 mg/kg

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye damage.

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified. This product does not contain any component that is considered a carcinogen by IARC, ACGIH, OSHA or NTP.

D-Limonene (5989-27-5)

IARC group 3 - Not classifiable

Reproductive toxicity : Not classified

2-methylpropan-1-ol, iso-butanol (78-83-1)

NOAEL (animal/male, F0/P) ≥ 7.5 mg/L air, rat (male/female), fertility, no effect

NOAEL (animal/female, F0/P) 10 mg/L air, rat, developmental toxicity, no effect

STOT-single exposure : May cause drowsiness or dizziness. May cause respiratory irritation.

Ethyl lactate, ethyl DL-lactate (97-64-3)

STOT-single exposure May cause respiratory irritation.

2-methylpropan-1-ol, iso-butanol (78-83-1)

STOT-single exposure May cause drowsiness or dizziness. May cause respiratory irritation.

STOT-repeated exposure : Not classified

2-methylpropan-1-ol, iso-butanol (78-83-1)

NOAEL (oral, rat, 90 days) > 1450 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408, no effect

NOAEC (inhalation, rat, vapor, 90 days) ≥ 7.5 mg/l Animal; rat, Guideline 82-7, subdivision F, no effect

Aspiration hazard : May be fatal if swallowed and enters airways.

Viscosity, kinematic : No data available

2-methylpropan-1-ol, iso-butanol (78-83-1)

Viscosity, kinematic 3.87 mm²/s

Symptoms/effects : Aspiration hazard. May be fatal if swallowed and enters airways. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. May cause respiratory irritation.

Inhalation : High concentration of vapors may induce: headache, nausea, dizziness. May cause respiratory irritation. Intentional abuse may be harmful or fatal.

Skin : Causes skin irritation. May cause an allergic skin reaction.

Eyes : Serious damage to eyes.

Ingestion : Aspiration hazard. May be fatal if swallowed and enters airways. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic symptoms : No chronic health hazards are likely for this material.

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Ethyl lactate, ethyl DL-lactate (97-64-3)

LC50 - Fish [1] 284.312 mg/l

EC50 - Other aquatic organisms [1] 774.36 mg/l

2-methylpropan-1-ol, iso-butanol (78-83-1)

LC50 - Fish [1] 1430 mg/l

EC50 - Crustacea [1] 1100 mg/l

EC50 72h - Algae [1] 593 mg/l

NOEC (chronic) 20 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

D-Limonene (5989-27-5)

LC50 - Fish [1] 720 µg/l Pimephales promelas (Fathead minnow)

EC50 - Crustacea [1] 0.36 mg/l Daphnia magna (Water flea)

EC50 72h - Algae [1] ≈ 8 mg/l Desmodesmus subspicatus

NOEC (chronic) 0.115 mg/l Daphnia magna (Water flea)

NOEC chronic fish 0.08 mg/l

12.2. Persistence and degradability

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Persistence and degradability No additional information available.

Ethyl lactate, ethyl DL-lactate (97-64-3)

Persistence and degradability Readily biodegradable

2-methylpropan-1-ol, iso-butanol (78-83-1)

Persistence and degradability Readily biodegradable.

Biodegradation 70 – 80 % 28d

D-Limonene (5989-27-5)

Persistence and degradability Readily biodegradable

12.3. Bioaccumulative potential

2-methylpropan-1-ol, iso-butanol (78-83-1)

Partition coefficient n-octanol/water (Log Kow) 1

Bioaccumulative potential Low bioaccumulation potential.

12.4. Mobility in soil

2-methylpropan-1-ol, iso-butanol (78-83-1)

Organic Carbon Normalized Adsorption Coefficient (Log Koc) 0.31

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard

2-methylpropan-1-ol, iso-butanol (78-83-1)

Ecology - soil

Low potential for absorption in soil.

12.5. Other adverse effects

No additional information available





SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation : Dispose of in accordance with applicable federal, state, and local regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information : Flammable vapors may accumulate in the container.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
1993	UN1993	1993	1993
14.2. Proper Shipping Name			
Flammable liquids, n.o.s. (D-Limonene, Isobutanol)	FLAMMABLE LIQUID, N.O.S. (D-Limonene, Isobutanol)	FLAMMABLE LIQUID, N.O.S. (D-Limonene, Isobutanol)	Flammable liquid, n.o.s. (D-Limonene, Isobutanol)
14.3. Transport hazard class(es)			
3	3	3	3
	 Not applicable		
14.4. Packing group			
III	III	III	III
14.5. Environmental hazards			
Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available			

14.6. Special precautions for user

DOT

UN-No.(DOT)

: UN1993

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DOT Special Provisions (49 CFR 172.102)	: B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable. B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks. IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
DOT Packaging Bulk (49 CFR 173.xxx)	: 242
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 220 L
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
TDG	
UN-No. (TDG)	: UN1993
TDG Special Provisions	: 16 - 1) The technical name of the most dangerous substance related to the primary class must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(i)(A) of Part 3, Documentation. The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4, Dangerous Goods Safety Marks. 2) subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical: a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.; b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.; c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.; d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.; or e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. An example in Canada is the "Food and Drugs Act", 150 - An emergency response assistance plan (ERAP) is required for these dangerous goods under subsection 7.1(6) of Part 7 (Emergency Response Assistance Plan). SOR/2015-100 UN1170, UN1202, UN1203, UN1267, UN1268, UN1863, UN1987, UN1993, UN3295, UN3475, UN3494 SOR/2015-100
Explosive Limit and Limited Quantity Index	: 5 L
Excepted quantities (TDG)	: E1
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 60 L
Emergency Response Guide (ERG) Number	: 128
IMDG	
Special provision (IMDG)	: 223, 274, 955
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001

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IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	: S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER
Stowage category (IMDG)	: A

IATA

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provision (IATA)	: A3
ERG code (IATA)	: 3L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Nano Mold Coating Remover

SARA Section 311/312 Hazard Classes	Refer to Section 2 for OSHA Hazard Classification.
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All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

2-methylpropan-1-ol, iso-butanol (78-83-1)

CERCLA RQ	5000 lb
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15.2. International regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Ethyl lactate, ethyl DL-lactate(97-64-3)	U.S. - New Jersey - Right to Know Hazardous Substance List
2-methylpropan-1-ol, iso-butanol(78-83-1)	U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S. - New Jersey - Right to Know Hazardous Substance List

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard

SECTION 16: Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard

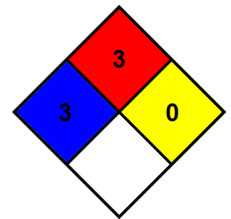
Revision date : 5/14/2024

Full text of H-phrases	
H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

NFPA health hazard : 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

NFPA fire hazard : 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

Health : 3 Serious Hazard

Flammability : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB IC)

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Indication of changes:

Composition/Information on ingredients.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.