

MED1-1356

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Revision date: 19/10/2020 Date of issue: 26/11/2013

SECTION 1: Identification of the Substance/mixture and of the Company/Undertaking

1.1. Product Identifier

Product form Mixture
Product Name MED1-1356
Synonyms Pressure Sensitive Adhesive

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

1.2.1. Relevant Identified Uses

Use of the Substance/Mixture For professional use only.

1.2.2. Uses Advised Against

No additional information available

1.3. Details of the Supplier of the Safety Data Sheet

NuSil Technology Europe
1198 Avenue Maurice Donat
Le Natura Bt. 2
06250 Mougins
France
+33 4 92 96 93 31
ehs@nusil.com
www.nusil.com

1.4. Emergency Telephone Number

Emergency Number : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC
(International and Maritime)
+(44)-870-8200418
+(353)-19014670

SECTION 2: Hazards Identification

2.1. Classification of the Substance or Mixture

Classification According to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 2 H225
Eye Irrit. 2 H319
STOT SE 3 H336

Full text of hazard classes and H-statements : see section 1.6

2.2. Label Elements

Labelling According to Regulation (EC) No. 1272/2008 [CLP]

Hazard Pictograms (CLP)



GHS02

GHS07

Signal Word (CLP)
Hazardous Ingredients
Hazard Statements (CLP)

Danger
Ethyl acetate
H225 - Highly flammable liquid and vapour.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.

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| | |
|--------------------------------|---|
| Precautionary Statements (CLP) | <p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 - Keep container tightly closed.</p> <p>P240 - Ground and bond container and receiving equipment.</p> <p>P241 - Use explosion-proof electrical, ventilating, and lighting equipment.</p> <p>P242 - Use non-sparking tools.</p> <p>P243 - Take action to prevent static discharges.</p> <p>P261 - Avoid breathing vapours, mist, or spray</p> <p>P264 - Wash hands, forearms, and other exposed areas thoroughly after handling</p> <p>P271 - Use only outdoors or in a well-ventilated area.</p> <p>P280 - Wear protective gloves, protective clothing, and eye protection</p> <p>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .</p> <p>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 - Call a POISON CENTRE or doctor if you feel unwell.</p> <p>P337+P313 - If eye irritation persists: Get medical advice/attention.</p> <p>P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish</p> <p>P403+P233+P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool.</p> <p>P405 - Store locked up.</p> <p>P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.</p> |
| EUH-statements | <p>EUH066 - Repeated exposure may cause skin dryness or cracking.</p> |

2.3. Other Hazards

Other Hazards Not Contributing to the Classification Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product Identifier | % | Classification According to Regulation (EC) No. 1272/2008 [CLP] |
|---------------|---|---------|---|
| Ethyl acetate | (CAS-No.) 141-78-6 (EC-No.) 205-500-4 (EC Index-No.) 607-022-00-5 | 40 - 60 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |

Full text of H-statements: see section 16

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SECTION 4: First Aid Measures

4.1. Description of First-aid Measures

| | |
|---------------------------------------|--|
| First-Aid Measures General | Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-Aid Measures After Inhalation | When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists. |
| First-Aid Measures After Skin Contact | Immediately remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists. |
| First-Aid Measures After Eye Contact | Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists. |
| First-Aid Measures After Ingestion | Rinse mouth. Do NOT induce vomiting. Obtain medical attention. |

4.2. Most Important Symptoms and Effects Both Acute and Delayed

| | |
|-------------------------------------|---|
| Symptoms/Effects | May cause drowsiness and dizziness. Causes serious eye irritation. |
| Symptoms/Effects After Inhalation | High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms. |
| Symptoms/Effects After Skin Contact | Prolonged exposure may cause skin irritation. |
| Symptoms/Effects After Eye Contact | Contact causes severe irritation with redness and swelling of the conjunctiva. |
| Symptoms/Effects After Ingestion | Ingestion may cause adverse effects. |
| Chronic Symptoms | Repeated exposure may cause skin dryness or cracking. |

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting Measures

5.1. Extinguishing Media

| | |
|--------------------------------|--|
| Suitable Extinguishing Media | Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂). Water may be ineffective but water should be used to keep fire-exposed container cool. |
| Unsuitable Extinguishing Media | Do not use a heavy water stream. A heavy water stream may spread burning liquid. |

5.2. Special Hazards Arising From the Substance or Mixture

| | |
|--|--|
| Fire Hazard | Highly flammable liquid and vapour. |
| Explosion Hazard | May form flammable or explosive vapour-air mixture. |
| Reactivity | Reacts violently with strong oxidisers. Increased risk of fire or explosion. |
| Hazardous Decomposition Products in Case of Fire | Carbon oxides (CO, CO ₂). Silicon oxides. |

5.3. Advice for Firefighters

| | |
|-----------------------------|---|
| Precautionary Measures Fire | Exercise caution when fighting any chemical fire. |
|-----------------------------|---|

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| | |
|--------------------------------|---|
| Firefighting Instructions | Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. |
| Protection During Firefighting | Do not enter fire area without proper protective equipment, including respiratory protection. |

SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

| | |
|------------------|--|
| General Measures | Avoid breathing (vapour, mist, spray). Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges. |
|------------------|--|

6.1.1. For Non-Emergency Personnel

| | |
|----------------------|---|
| Protective Equipment | Use appropriate personal protective equipment (PPE). |
| Emergency Procedures | Evacuate unnecessary personnel. Stop leak if safe to do so. |

6.1.2. For Emergency Responders

| | |
|----------------------|--|
| Protective Equipment | Equip cleanup crew with proper protection. |
| Emergency Procedures | Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area. Eliminate ignition sources. |

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

| | |
|-------------------------|--|
| For Containment | Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. |
| Methods For Cleaning Up | Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools. |

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling And Storage

7.1. Precautions for Safe Handling

| | |
|-----------------------------------|---|
| Additional Hazards When Processed | Handle empty containers with care because residual vapours are flammable. |
| Precautions for Safe Handling | Avoid contact with skin, eyes and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, spray. Take precautionary measures against static discharge. Use only non-sparking tools. |
| Hygiene Measures | Handle in accordance with good industrial hygiene and safety procedures. |

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7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures

Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

Storage Conditions

Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place.

Incompatible Materials

Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(S)

For professional use only.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control Parameters

| Ethyl acetate (141-78-6) | | |
|--------------------------|--|------------------------|
| EU | IOELV TWA (mg/m ³) | 734 mg/m ³ |
| EU | IOELV TWA (ppm) | 200 ppm |
| EU | IOELV STEL (mg/m ³) | 1468 mg/m ³ |
| EU | IOELV STEL (ppm) | 400 ppm |
| Austria | MAK (mg/m ³) | 734 mg/m ³ |
| Austria | MAK (ppm) | 200 ppm |
| Austria | MAK Short time value (mg/m ³) | 1468 mg/m ³ |
| Austria | MAK Short time value (ppm) | 400 ppm |
| Belgium | Limit value (mg/m ³) | 734 mg/m ³ |
| Belgium | Limit value (ppm) | 200 ppm |
| Belgium | Short time value (mg/m ³) | 1468 mg/m ³ |
| Belgium | Short time value (ppm) | 400 ppm |
| Bulgaria | OEL TWA (mg/m ³) | 734 mg/m ³ |
| Bulgaria | OEL TWA (ppm) | 200 ppm |
| Bulgaria | OEL STEL (mg/m ³) | 1468 mg/m ³ |
| Bulgaria | OEL STEL (ppm) | 400 ppm |
| Croatia | GVI (granična vrijednost izloženosti) (mg/m ³) | 734 mg/m ³ |
| Croatia | GVI (granična vrijednost izloženosti) (ppm) | 200 ppm |
| Croatia | KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³) | 1468 mg/m ³ |
| Croatia | KGVI (kratkotrajna granična vrijednost izloženosti) (ppm) | 400 ppm |
| Cyprus | OEL TWA (mg/m ³) | 734 mg/m ³ |
| Cyprus | OEL TWA (ppm) | 200 ppm |
| Cyprus | OEL STEL (mg/m ³) | 1468 mg/m ³ |
| Cyprus | OEL STEL (ppm) | 400 ppm |

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| | | |
|----------------|--|--|
| Czech Republic | Expoziční limity (PEL) (mg/m ³) | 700 mg/m ³ |
| Denmark | Grænseværdie (langvarig) (mg/m ³) | 540 mg/m ³ |
| Denmark | Grænseværdie (langvarig) (ppm) | 150 ppm |
| Estonia | OEL TWA (mg/m ³) | 500 mg/m ³ |
| Estonia | OEL TWA (ppm) | 150 ppm |
| Estonia | OEL STEL (mg/m ³) | 1100 mg/m ³ |
| Estonia | OEL STEL (ppm) | 300 ppm |
| Finland | HTP-arvo (8h) (mg/m ³) | 730 mg/m ³ |
| Finland | HTP-arvo (8h) (ppm) | 200 ppm |
| Finland | HTP-arvo (15 min) | 1470 mg/m ³ |
| Finland | HTP-arvo (15 min) (ppm) | 400 ppm |
| France | VME (mg/m ³) | 1400 mg/m ³ |
| France | VME (ppm) | 400 ppm |
| Germany | Occupational exposure limit value (mg/m ³) | 730 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| Germany | Occupational exposure limit value (ppm) | 200 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| Gibraltar | Eight hours mg/m ³ | 200 mg/m ³ |
| Gibraltar | Eight hours ppm | 734 ppm |
| Gibraltar | Short-term mg/m ³ | 400 mg/m ³ |
| Gibraltar | Short-term ppm | 1468 ppm |
| Greece | OEL TWA (mg/m ³) | 734 mg/m ³ |
| Greece | OEL TWA (ppm) | 200 ppm |
| Greece | OEL STEL (mg/m ³) | 1468 mg/m ³ |
| Greece | OEL STEL (ppm) | 400 ppm |
| Hungary | AK-érték | 734 mg/m ³ |
| Hungary | CK-érték | 1468 mg/m ³ |
| Hungary | OEL chemical category (HU) | Sensitizer |
| Ireland | OEL (8 hours ref) (mg/m ³) | 734 mg/m ³ |
| Ireland | OEL (8 hours ref) (ppm) | 200 ppm |
| Ireland | OEL (15 min ref) (mg/m ³) | 1468 mg/m ³ |
| Ireland | OEL (15 min ref) (ppm) | 400 ppm |
| Latvia | OEL TWA (mg/m ³) | 200 mg/m ³ |
| Latvia | OEL TWA (ppm) | 54 ppm |
| Lithuania | IPRV (mg/m ³) | 500 mg/m ³ |
| Lithuania | IPRV (ppm) | 150 ppm |
| Lithuania | NRV (mg/m ³) | 1100 mg/m ³ |
| Lithuania | NRV (ppm) | 300 ppm |
| Luxembourg | OEL STEL (mg/m ³) | 1468 mg/m ³ |

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| | | |
|----------------|--|--|
| Luxembourg | OEL STEL (ppm) | 400 ppm |
| Malta | OEL TWA (mg/m ³) | 734 mg/m ³ |
| Malta | OEL TWA (ppm) | 200 ppm |
| Malta | OEL STEL (mg/m ³) | 1468 mg/m ³ |
| Malta | OEL STEL (ppm) | 400 ppm |
| Netherlands | Grenswaarde TGG 8H (mg/m ³) | 734 mg/m ³ |
| Netherlands | Grenswaarde TGG 15MIN (mg/m ³) | 1468 mg/m ³ |
| Norway | Grenseverdier (AN) (mg/m ³) | 734 mg/m ³ |
| Norway | Grenseverdier (AN) (ppm) | 200 ppm |
| Norway | Grenseverdier (Korttidsverdi) (mg/m ³) | 917,5 mg/m ³ (value calculated) |
| Norway | Grenseverdier (Korttidsverdi) (ppm) | 250 ppm (value calculated) |
| Poland | NDS (mg/m ³) | 734 mg/m ³ |
| Poland | NDSch (mg/m ³) | 1468 mg/m ³ |
| Portugal | OEL TWA (ppm) | 400 ppm |
| Romania | OEL TWA (mg/m ³) | 400 mg/m ³ |
| Romania | OEL TWA (ppm) | 111 ppm |
| Romania | OEL STEL (mg/m ³) | 500 mg/m ³ |
| Romania | OEL STEL (ppm) | 139 ppm |
| Slovakia | NPHV (priemerná) (mg/m ³) | 734 mg/m ³ |
| Slovakia | NPHV (priemerná) (ppm) | 200 ppm |
| Slovakia | NPHV (Hraničná) (mg/m ³) | 1100 mg/m ³ |
| Slovenia | OEL TWA (mg/m ³) | 734 mg/m ³ |
| Slovenia | OEL TWA (ppm) | 200 ppm |
| Slovenia | OEL STEL (mg/m ³) | 1468 mg/m ³ |
| Slovenia | OEL STEL (ppm) | 400 ppm |
| Spain | VLA-ED (mg/m ³) | 734 mg/m ³ |
| Spain | VLA-ED (ppm) | 200 ppm |
| Spain | VLA-EC (mg/m ³) | 1468 mg/m ³ |
| Spain | VLA-EC (ppm) | 400 ppm |
| Sweden | nivågränsvärde (NVG) (mg/m ³) | 500 mg/m ³ |
| Sweden | nivågränsvärde (NVG) (ppm) | 150 ppm |
| Sweden | kortidsvärde (KTV) (mg/m ³) | 1100 mg/m ³ |
| Sweden | kortidsvärde (KTV) (ppm) | 300 ppm |
| Switzerland | KZGW (mg/m ³) | 1460 mg/m ³ |
| Switzerland | KZGW (ppm) | 400 ppm |
| Switzerland | MAK (mg/m ³) | 730 mg/m ³ |
| Switzerland | MAK (ppm) | 200 ppm |
| United Kingdom | WEL TWA (mg/m ³) | 734 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 200 ppm |
| United Kingdom | WEL STEL (mg/m ³) | 1468 mg/m ³ |

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| | | |
|----------------|----------------|---------|
| United Kingdom | WEL STEL (ppm) | 400 ppm |
|----------------|----------------|---------|

8.2. Exposure Controls

Appropriate Engineering Controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapours may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.

Personal Protective Equipment



Materials for Protective Clothing

Chemically resistant materials and fabrics. Wear fire/ flame resistant/retardant clothing.

Hand Protection

Wear protective gloves.

Eye Protection

Chemical safety goggles.

Skin and Body Protection

Wear suitable protective clothing.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information

When using, do not eat, drink or smoke.

SECTION 9: Physical and Chemical Hazards

9.1. Information on Basic Physical and Chemical Properties

| | |
|---------------------------------------|---------------------------|
| Physical State | Liquid |
| Colour | Colourless |
| Odour | Ester like |
| Odour Threshold | No data available |
| pH | No data available |
| Evaporation Rate | No data available |
| Melting Point | No data available |
| Freezing Point | No data available |
| Boiling Point | 77 - 78 °C (170 - 172 °F) |
| Flash Point | -4 °C (25 °F) |
| Auto-Ignition Temperature | No data available |
| Decomposition Temperature | No data available |
| Flammability (Solid, Gas) | Not applicable |
| Vapour Pressure | No data available |
| Relative Vapour Density At 20 °C | No data available |
| Relative Density | > 1 (water = 1) |
| Solubility | No data available |
| Partition Coefficient n-Octanol/Water | No data available |
| Viscosity, Kinematic | No data available |
| Viscosity, Dynamic | No data available |

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| | |
|----------------------|-------------------|
| Explosive Properties | No data available |
| Oxidising Properties | No data available |
| Explosive Limits | No data available |

9.2. Other Information

| | |
|-------------|-----------|
| VOC content | 40 - 60 % |
|-------------|-----------|

SECTION 10: Stability and Reactivity

10.1. Reactivity

Reacts violently with strong oxidisers. Increased risk of fire or explosion.

10.2. Chemical Stability

Extremely flammable liquid and vapour. May form flammable or explosive vapour-air mixture.

10.3. Possibility Of Hazardous Reactions

Hazardous polymerization will not occur.

10.4. Conditions To Avoid

Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

10.5. Incompatible Materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products

None expected under normal conditions of use.

SECTION 11: Toxicological Information

11.1. Information On Toxicological Effects

| | |
|----------------|---|
| Acute Toxicity | Not classified (Based on available data, the classification criteria are not met) |
|----------------|---|

| | |
|--------------------------|---|
| Ethyl acetate (141-78-6) | |
| LD50 Oral Rat | 5620 mg/kg |
| LD50 Oral | 4940 mg/kg |
| LD50 Dermal Rabbit | > 18000 mg/kg |
| LC50 Inhalation Rat | 4000 ppm/4h |
| LC50 Inhalation Rat | > 7348 mg/l/4h (calculated off of 6hr test results) |

| | |
|--|---|
| Skin Corrosion/Irritation | Not classified (Based on available data, the classification criteria are not met) |
| Eye Damage/Irritation | Causes serious eye irritation. |
| Respiratory or Skin Sensitization | Not classified (Based on available data, the classification criteria are not met) |
| Germ Cell Mutagenicity | Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity | Not classified (Based on available data, the classification criteria are not met) |
| Reproductive Toxicity | Not classified (Based on available data, the classification criteria are not met) |
| Specific Target Organ Toxicity (Single Exposure) | May cause drowsiness or dizziness. |
| Specific Target Organ Toxicity (Repeated Exposure) | Not classified (Based on available data, the classification criteria are not met) |

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Aspiration Hazard

Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological Information

12.1. Toxicity

Ecology - General

Not classified.

| Ethyl acetate (141-78-6) | |
|--------------------------|--|
| LC50 Fish 1 | 220 - 250 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 560 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| LC50 Fish 2 | 484 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |

12.2. Persistence and Degradability

| MED1-1356 | |
|-------------------------------|------------------|
| Persistence and Degradability | Not established. |

12.3. Bioaccumulative Potential

| MED1-1356 | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
| Ethyl acetate (141-78-6) | |
| BCF Fish 1 | 30 |
| Log Pow | 0,6 |

12.4. Mobility in Soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other Adverse Effects

Other Information

Avoid release to the environment.

SECTION 13: Disposal Considerations

13.1. Waste Treatment Methods

Product/Packaging Disposal

Dispose of contents/container in accordance with local, regional, national, and international regulations.

Recommendations

Additional Information

Handle empty containers with care because residual vapours are flammable.

Ecology - Waste Materials

Avoid release to the environment.

SECTION 14: Transport Information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.






In accordance with ADR / RID / IMDG / IATA / ADN

| ADR | IMDG | IATA | ADN | RID |
|-----------------|------|------|------|------|
| 14.1. UN Number | | | | |
| 1173 | 1173 | 1173 | 1173 | 1173 |

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| ADR | IMDG | IATA | ADN | RID |
|---|---|---|--|---|
| 14.2. UN Proper Shipping Name | | | | |
| ETHYL ACETATE SOLUTION | ETHYL ACETATE SOLUTION | ETHYL ACETATE SOLUTION | ETHYL ACETATE SOLUTION | ETHYL ACETATE SOLUTION |
| 14.3. Transport Hazard Class(Es) | | | | |
| 3 | 3 | 3 | 3 | 3 |
|  |  |  |  |  |
| 14.4. Packing Group | | | | |
| II | II | II | II | II |
| 14.5. Environmental Hazards | | | | |
| Dangerous for the environment : No | Dangerous for the environment : No Marine pollutant : No | Dangerous for the environment : No | Dangerous for the environment : No | Dangerous for the environment : No |

14.6. Special Precautions For User

No additional information available

14.7. Transport in Bulk According to Annex II of MARPOL and The IBC Code

Not applicable

SECTION 15: Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National Regulations

No additional information available

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out

SECTION 16: Other Information

Indication of Changes

| Section | Section Header | Change | Date Changed |
|---------|--|----------|--------------|
| 1 | Identification of the Substance/mixture and of the Company/Undertaking | Modified | 19/10/2020 |

Date of Preparation or Latest Revision 19/10/2020

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Data Sources

Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.

Other Information

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Full Text of H- and EUH-statements:

| | |
|--------------|--|
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H225 | Highly flammable liquid and vapour. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

Abbreviations and Acronyms

ACGIH – American Conference of Governmental Industrial Hygienists
ADN – European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road
ATE - Acute Toxicity Estimate
BCF - Bioconcentration Factor
BEI - Biological Exposure Indices (BEI)
BOD – Biochemical Oxygen Demand
CAS No. - Chemical Abstracts Service Number
CLP – Classification, Labeling and Packaging Regulation (EC) No 1272/2008
COD – Chemical Oxygen Demand
EC – European Community
EC50 - Median Effective Concentration
EEC – European Economic Community
EINECS – European Inventory of Existing Commercial Chemical Substances
EmS-No. (Fire) - IMDG Emergency Schedule Fire
EmS-No. (Spillage) - IMDG Emergency Schedule Spillage
EU – European Union
ErC50 - EC50 in Terms of Reduction Growth Rate
GHS – Globally Harmonized System of Classification and Labeling of Chemicals
IARC - International Agency for Research on Cancer
IATA - International Air Transport Association
IBC Code - International Bulk Chemical Code
IMDG - International Maritime Dangerous Goods
IPRV - Ilgalaikio Poveikio Ribinis Dydis
IOELV – Indicative Occupational Exposure Limit Value
LC50 - Median Lethal Concentration
LD50 - Median Lethal Dose
LOAEL - Lowest Observed Adverse Effect Level
LOEC - Lowest-Observed-Effect Concentration
Log Koc - Soil Organic Carbon-water Partitioning Coefficient
Log Kow - Octanol/water Partition Coefficient
Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol and water
MAK – Maximum Workplace Concentration/Maximum Permissible Concentration
MARPOL - International Convention for the Prevention of Pollution

NDS - Najwyższe Dopuszczalne Stezenie
NDSCh - Najwyższe Dopuszczalne Stezenie Chwilowe
NDSP - Najwyższe Dopuszczalne Stezenie Pulpowe
NOAEL - No-Observed Adverse Effect Level
NOEC - No-Observed Effect Concentration
NRD - Nevirsytinas Ribinis Dydis
NTP – National Toxicology Program
OEL - Occupational Exposure Limits
PBT - Persistent, Bioaccumulative and Toxic
PEL - Permissible Exposure Limit
pH – Potential Hydrogen
REACH – Registration, Evaluation, Authorisation, and Restriction of Chemicals
RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail
SADT - Self Accelerating Decomposition Temperature
SDS - Safety Data Sheet
STEL - Short Term Exposure Limit
STOT - Specific Target Organ Toxicity
TA-Luft - Technische Anleitung zur Reinhaltung der Luft
TEL TRK – Technical Guidance Concentrations
ThOD – Theoretical Oxygen Demand
TLM - Median Tolerance Limit
TLV - Threshold Limit Value
TPRD - Trumpalaikio Poveikio Ribinis Dydis
TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von Gefahrstoffen in ortsbeweglichen Behältern
TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine
TRGS 900 - Technische Regel für Gefahrstoffe 900 – Arbeitsplatzgrenzwerte
TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
VOC – Volatile Organic Compounds
VLA-EC - Valor Limite Ambiental Exposición de Corta Duración
VLA-ED - Valor Limite Ambiental Exposición Diaria
VLE – Valeur Limite D'exposition
VME – Valeur Limite De Moyenne Exposition
vPvB - Very Persistent and Very Bioaccumulative
WEL – Workplace Exposure Limit
WGK - Wassergefährdungsklasse

Nusil EU GHS SDS

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