



AMMO SAFETY DATA SHEET (MSDS)

According to Regulation (EU) No. 453/2010

DECAL PRODUCTS (A.MIG-2029-A.MIG-2030)

English

Revision date / valid from: 01/01/2021

Version: 1

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

| | |
|------------------------------|--|
| Trade Name | ULTRA DECAL – SET (A.MIG-2029) ULTRA DECAL – FIX (A.MIG-2030) |
| Use of the substance/Mixture | Liquids for decal fixing |
| Company | AMMO of Mig Jimenez, S.L. |
| Address | C/ Mauriain 3. 31132 Villatuerta, Navarra (Spain) |
| Telephone | +34 948 552 882 |
| Email | info@migjimenez.com |
| Website | https://www.migjimenez.com |
| Emergency telephone number | +34 902 104 104. Emergency for intoxications and transport accidents. Service available 24h. |

UFI NUMBER: 5T98-XUNF-P509-5SXN

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

Mixture of different solvents and surfactants for decal fixation

2. Composition/information on ingredients

Chemical nature:

15%-25% ACETIC ACID

CAS: 064-19-7

EC: 200-580-7

10%-20% MIXTURE OF DIFFERENT ALCOHOLS

Deodorised isopropyl alcohol

INDEX: 603-117-00-0

CAS: 67-63-0

EC: 200-661-7

60%-80% DISTILLED WATER

2%-5% SURFACTANTS

2.1 Classification of the mixture

According to Regulation (EU) No 1272/2008:

Skin Irrit. 2: May cause a skin irritation

Eye Irrit 2: May cause severe eye irritation

Flam. Liq. 3: Flammable liquid and vapours



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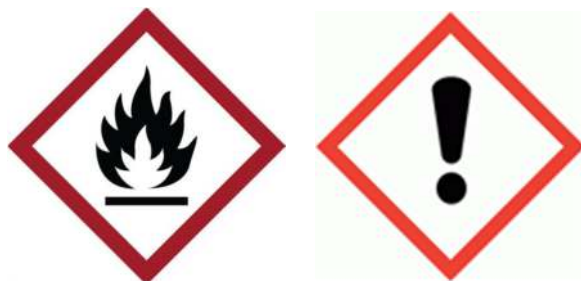
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2.2 Label elements



Signal word: Warning

3. Hazards identification

H SENTENCES

H226: Flammable liquids and vapours.

H315: May cause skin irritation.

H319: May cause severe irritation.

P SENTENCES

P210: Keep away from heat, sparks, open flame or hot surfaces. - Do not smoke.

P240: Grounding/equipotential bonding of the container and of the receiving equipment.

P243: Take precautionary measures against electrostatic discharges.

P370+P378: In case of fire: Use the recommended extinguishing media to extinguish the fire.

P403+P235: Store in a well-ventilated place. Keep in a cool place.

P303+P361+P353: In case of skin (or hair) contact: Take off contaminated clothing immediately. Rinse skin with water or shower.

P305+P351+P338: After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Additional hazard statements:

EUH066: Repeated exposure may cause skin dryness or cracking.

Flammable and volatile substance.

4. First aid measures

In cases of doubt, or when symptoms of discomfort persist, seek medical attention. Do not ever administer anything by mouth to an unconscious person.

4.1 Description of first aid measures

If inhaled:

Place the casualty in the open air, keep warm and at rest, if breathing is irregular or stops, give artificial respiration. Do not administer anything by mouth. If the casualty is unconscious, put him in a suitable position and seek medical help.



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On skin contact:

Remove contaminated clothing. Wash thoroughly with soap and water. NEVER use solvents or diluents.

On contact with eyes:

If contact lenses are worn, remove them. Flush eyes thoroughly with clean, cool water for at least 10 minutes, pulling up the eyelids and seek medical attention.

On ingestion:

If accidentally swallowed, seek medical attention immediately. Keep at rest. NEVER induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Product Irritant, repeated or prolonged contact with skin or mucous membranes may cause redness, blistering or dermatitis, inhalation of spray mist or airborne particles may cause respiratory tract irritation, some symptoms may not be immediate. Allergic reactions may occur.

4.3 Indication of any immediate medical attention and special treatment needed

In cases of doubt, or when symptoms of discomfort persist, seek medical attention. Do not ever administer anything by mouth to an unconscious person.

5. Firefighting measures

The product is classified as highly flammable, it can cause or considerably aggravate a fire, the necessary preventive measures must be taken to avoid risks. In case of fire, the following measures are the following measures are recommended.

5.1 Extinguishing media

Extinguishing powder or CO₂. In case of more serious fires also alcohol-resistant foam and water spray. Do not use direct water jet for extinguishing.

5.2 Special hazards arising from the substance or mixture

Special risks: the fire may produce thick black smoke. As a result of thermal decomposition, hazardous products may be formed: carbon monoxide, carbon dioxide. Exposure to the products of combustion or decomposition may be harmful to health.

5.3 Advice for firefighters

Cool tanks, cisterns or containers near the source of heat or fire with water. Take into account the the direction of the wind. Prevent products used in fire-fighting from entering drains, sewers or watercourses. drains, sewers or watercourses.

5.4 Fire protection equipment

Depending on the size of the fire, heat protection suits may be required, self-contained breathing apparatus, gloves, goggles or face shields and boots may be required.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures



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Eliminate possible ignition points and electrostatic charges, ventilate the area. Do not smoke. Avoid exhaling vapours. For exposure control and personal protective measures, see section 8.

6.2 Environmental precautions.

Prevent contamination of drains, surface or groundwater, and soil.

6.3 Methods and materials for containment and cleaning up.

Collect the spillage with non-combustible absorbent materials (earth, sand, vermiculite, diatomaceous earth, etc.). Pour the product and the absorbent into a suitable container. The contaminated area must be cleaned immediately with a suitable decontaminant. Pour the decontaminant on the debris and leave it for several days until it no longer leave it for several days until no reaction occurs, in an unsealed container.

6.4 Reference to other sections.

For exposure control and personal protective measures, see section 8.

For waste disposal, follow the recommendations in section 13.

7 Handling and storage

7.1 Precautions for safe handling

Vapours are heavier than air and may spread on the ground. May form explosive mixtures with air. may form explosive mixtures with air. Avoid creating flammable or explosive vapour concentrations in air; avoid vapour concentrations above exposure limits during work. explosive; avoid vapour concentrations above exposure limits during work. The only be used in areas where unprotected flames and other ignition points have been eliminated. Electrical equipment must be protected according to appropriate standards.

The product can be electrostatically charged: always use earthed sockets when transferring the product. when transferring the product. Operators should wear antistatic footwear and clothing, and floors should be conductive. Keep container tightly closed, isolated from sources of heat, sparks and fire. Tools that can produce sparks should not be used.

Avoid contact of the product with skin and eyes. Avoid inhalation of vapour and mists produced during spraying. Avoid inhalation of vapours and mists produced during spraying. For personal protection see section 8. Never use pressure to empty containers, they are not pressure resistant containers.

Smoking, eating and drinking must be prohibited in the application area.

Comply with occupational health and safety legislation.

Keep the product in containers made of a material identical to the original one.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local legislation. Observe label instructions. Store containers between 5 and 35 C, in a dry, well-ventilated place, away from heat sources and direct sunlight.

Keep away from sources of ignition. Keep away from oxidizing agents and strongly acidic or alkaline materials. Do not smoke. Keep away from unauthorised persons. After opening, containers should be carefully resealed and placed upright to avoid spillage.

7.3 Final specific uses

Manufacture of varnishes and paints, glues and adhesives, solvents.



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8. Exposure controls/personal protection

8.1 Control parameters

Personal protective equipment

Technical measures:

Provide adequate ventilation, which can be achieved by means of good local exhaust-ventilation and a good general extraction system.

Respiratory protection:

In case of high concentrations (see OEL) use self-contained breathing apparatus with filter for organic vapours. «CE» marking Category III. The mask must have a wide field of vision and an anatomical shape to provide tightness and airtightness.

Hand protection:

Protective rubber gloves.

Eye protection:

Full protection goggles.

Skin protection:

If splashing is expected, wear full protective equipment.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

PROPERTIES WITH REGARD TO 80% ACETIC ACID

Appearance: clear liquid

Odour: pungent

Colour: colourless

pH: 1 to 600g/L. (20°C)

Boiling point/boiling range: >100 °C

Flash point: >60 °C

Flammability (solid, gas): Not available.

Explosive properties: Not available.

Vapour pressure: 15.4 hPa at 20°C

Density: 1,070 Kg/m³ (20°C-80%)

Solubility: No data available.

Water solubility: no data available.

Partition coefficient (n-octanol/water): logPow: -0.17

Viscosity: no data available.

10. Stability and reactivity

10.1. Stability

Stable under normal conditions.

10.2. Incompatible materials



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Substances to avoid:

Oxidising and reducing agents. Metals, alkalis and alcohols.

10.3. Hazardous decomposition products

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological information

Acute toxicity data:

Inhalation: LC50 >16000 ppm (4 h) Rat.
LC50 5620 ppm (1 h) Mouse.

Acetic acid:

Oral: LD50 4960 mg/Kg Mouse.
LD50 3530 mg/Kg Rat.

Irritation/Corrosion:

Equivalent to OECD 404 in Rabbit.

Concentration: 10%- slightly irritating to skin.
10% very irritating to eyes.

Germ cell mutagenicity:

Acetic acid: OECD 476 in unspecified mammal: Result: Negative.
EU B.31 in rabbit (oral) 13 days: Result: Negative.
EU B.31 in rat (oral) 10 days: Result: Negative.
EU B.31 in mice (oral) 10 days: Result: Negative.



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12. Ecological information

TOXICITY based on acetic acid information:

Name

| Type | Essay | Species | Ecotoxicity Value |
|-----------------------|-------|-------------------------|---------------------------------|
| Fishes | CL50 | Fish | >300,8 mg/L (96 h) Mortality |
| Aquatic invertebrates | CE50 | Daphnia magna | >300,8 mg /L (48 h) Mobility |
| Aquatic plants | EC50 | Desmodesmus subspicatus | >300.8 mg /L (48 h) Growth rate |

Bioaccumulation

| Log Pow | BCF | NOECs | Level |
|---------|------|-------|-------|
| -0,17 | 3,16 | | Low |

Sewers should not be used for disposal of significant quantities of products.

Avoid penetration into soil.

No information available on mobility in soil.

No information available on PBT and vPvB assessment of the product.

No information available on other adverse effects on the environment.

13.- Disposal considerations

Discharge into sewers or watercourses is not permitted. Waste and empty containers must be handled and disposed of in accordance with local/national legislation.

Follow the provisions of Directive 91/689/EEC regarding waste management.



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14. Transport information

14.1. Stability

EU (EC) Number: No 1907/2006 (REACH).

14.2. UN proper shipping name

Description: UN 2790 ACETIC ACID IN DISSOLUTION.

14.3 Transport hazard class: CLASS: 8 PG II

ADR: Hazard Identification Number: 80

IMDG: emergency plans: EmS: 8-05

IATA:.

EXEMPTED QUANTITIES:

E2 (packages smaller than 30g/30mL and maximum quantities per package 500g/500mL).

LIMITED QUANTITIES (PACKING INSTRUCTIONS Y341):

E2 (packages smaller than 30g/30mL and maximum quantities per package 500g/500mL).

Inner packaging: GLASS.

Maximum net quantity per package: 0,5L.

Maximum net quantity per package: 1L in cabin, 30L in cargo aircraft.

Packaging instructions Y341: other requirements. According to 5.0.2.7 and 5.0.2.9 and subsection 2.7 of IATA DGR 54.

15. Regulatory information

According to the specific safety, health and environmental regulation and legislation for the substance or mixture, EU Regulation (EC) No 1907/2006 (REACH).

ANNEX XIV: List of substances subject to authorisation:

Substances of very high concern: None of the components are listed.

ANNEX XVII: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable.

16. Other information

This product is of industrial quality and unless otherwise specified or agreed intended exclusively for industrial use. This includes the mentioned and recommended usage. Any other intended applications



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should be discussed with the manufacturer. In particular this concerns the application for products that are the object of special standards and regulations.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.