

Safety Data Sheet

Effective Date: March 18, 2016

Version: 1.0

Product Name: Ultra High Def™ Mountant, 30 ml

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

1.1 Product identifier

Trade name	Ultra High Def™ Mountant, 30 ml
Cat ##	ACR-010-30
Components	Tris Base, Sodium Azide, Mowiol
EC	201-064-4, 247-852-1
CAS	77-86-1, 26628-22-8, 25213-24-5

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

Liquid in plastic bottle

1.3 Manufactured For:

StatLab Medical Products
 2090 Commerce Drive
 McKinney, TX 75069
 (800) 442-3573
 statlab.com

1.4 Emergency telephone number


Chemtrec: 800-424-9300 (USA & Canada)
 Chemtrec: 703-527-3987 (international)
 Non-transport: 972-436-1010 (USA)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Hazard Class	Category	Category	Hazard Statements (H-Statements)
N/A	N/A	N/A	This product has been classified as non-hazardous based on the physical and/or chemical nature and/or concentration of ingredients.

2.2 Label elements

Signal Word	Warning
Pictogram	
H-Statements	N/A
P-Statements	N/A
EUH-Statements	N/A

2.3 Other hazards

N/A

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SECTION 3: Composition/information on ingredients

Name	Identifiers	Classification according to CLP	Classification (for pure substances)
Tris Base	EC: 201-064-4 CAS: 77-86-1	Concentration: 0.1-<1.0%	R36, R37, R38
Sodium Azide	EC: 247-852-1 CAS: 26628-22-8	Concentration: 0.01-<0.05%	R28, R38, R50/53
Mowiol 4-88 (polyvinyl Alcohol 4-88)	N/A CAS: 25213-24-5	Concentration: 1-<10%	N/A

SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled	Seek medical attention. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If simply overwhelmed, loosen tight clothing, lie victim down, monitor pulse and keep warm and calm.
If on skin	Wash exposed area with soap and water and get medical advice if irritation develops.
If in eyes	Thoroughly flush the eyes with large amounts of clean low-pressure water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. If irritation persists, seek medical attention.
If swallowed	Get medical attention if symptoms develop.
Self-protection of the first aider	N/A

4.2 Most important symptoms and effects, both acute and delayed

N/A

4.3 Indication of any immediate medical attention and special treatment needed

N/A

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Water, dry chemical, carbon dioxide or appropriate foam
Unsuitable extinguishing media	N/A

5.2 Special hazards arising from the substance or mixture

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Hazardous combustion products	N/A
Other information	Avoid inhalation of toxic fumes.

5.3 Advice for firefighters

Wear protective clothing containing self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Protective equipment	Ensure adequate ventilation Eye Protection: Wear goggles or safety glasses Hand protection: Wear latex or vinyl gloves Other protective equipment: Use lab coat or apron to prevent contact with eyes, skin and clothing
Emergency procedures	N/A
For emergency responders	N/A

6.2 Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

For containment	N/A
For cleaning up	N/A
Other information	N/A

6.4 Reference to other sections

N/A

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire	N/A
Measures to prevent aerosol and dust generation	N/A
Measures to protect the environment	N/A
Advice on general occupational hygiene	Wear personal protective equipment. Ensure adequate ventilation. Do not eat, drink and smoke in areas where this product is handled, stored and processed. Wash hands and face after handling the product. Remove contaminated clothing and protective equipment before entering eating areas.

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7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions	Store at 2°C to 8°C
Packaging materials	N/A
Requirements for storage rooms and vessels	N/A
Storage class	N/A
Other information	N/A

7.3 Specific end use(s)

Recommendations	N/A
Industrial sector specific solutions	N/A

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

N/A

8.2 Exposure controls

Respiratory Protection	A properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is highly recommended. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Skin and body protection	Wear appropriate protective gloves and clothing to prevent skin exposure. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Wash and dry hands.
Eye/face Protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Hygiene Measures	Wash hands thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties



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Appearance	Clear Colorless Liquid
Odor	N/A
Order Threshold	N/A
pH	7.5
Melting Point/ Freezing Point	N/A
Initial Boiling Point/ Freezing Point	N/A
Flash Point	N/A
Evaporation Rate	N/A
Flammability	N/A
Upper/Lower Flammability or Explosive Limits	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Relative Density	N/A
Solubility	N/A
Partition Coefficient: n-octanol/water	N/A
Auto-Ignition Temperature	N/A
Decomposition temperature	N/A
Viscosity	N/A
Explosive Properties	N/A
Oxidizing Properties	N/A

9.2 Other Information

N/A

Section 10: Stability and Reactivity

10.1 Reactivity

N/A

10.2 Chemical Stability

Stable under recommended storage conditions

10.3 Possibility of Hazardous Reactions

Violent or Explosive reactions have occurred upon direct contact of Glycerol Sodium Hydride, Phosphorous Trioxide, Perchloric Acid, Chlorine, Calcium Hypochlorite, Nitric Acid, Hydrofluoric Acid, Sulfuric Acid, Sodium Peroxide, Hydrogen Peroxide, and Potassium Permanganate.

10.4 Conditions to Avoid

Light sensitive. Keep away from heat. Protect from moisture.

10.5 Incompatible Materials

Sodium Hydride, Phosphorous Trioxide, Perchloric Acid, Chlorine, Calcium Hypochlorite, Nitric Acid, Hydrofluoric Acid, Sulfuric Acid, Sodium Peroxide, Hydrogen Peroxide, and Potassium Permanganate.

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10.6 Hazardous Decomposition Products

Carbon Monoxide and Nitric Oxides

SECTION 11: Toxicological Information

Tris Base (in pure form): mouse LD50 oral 5900mg/kg	
Common route of entry	Ingestion
Potential Effects of Acute Exposure	N/A
Potential Effects of Chronic Exposure	N/A
Symptoms of Overexposure	N/A
Sodium Azide (in pure form): mouse LD50 oral 27mg/kg	
Common route of entry	Ingestion
Potential Effects of Acute Exposure	Its concentration is low (<0.1%) in this product, but it is highly toxic when ingested in pure form. Overexposure may cause irritation of skin, eyes and mucous membranes, lowered blood pressure and irregular heartbeat. Sodium azide is a chemical asphyxiant and may affect the cardiovascular, respiratory and central nervous systems. Symptoms may include irritation, severe, pounding headaches, dizziness, weakness, nausea, vomiting, low blood pressure, rapid heartbeat, convulsions, collapse and death.
Potential Effects of Chronic Exposure	Prolonged or repeated exposure may result in pounding headaches, eye and nose irritation, low blood pressure, fatigue and dizziness.
Symptoms of Overexposure	Eye, skin, nose and throat irritation; headache, weakness, dizziness, confusion, nausea and vomiting. This may also lead to difficulty in breathing, irregular heartbeat, reddish colored skin, unconsciousness, convulsions, coma and death. Symptoms may be delayed for several hours after exposure.
Mowiol (in pure form): mouse LD50 oral 20000mg/kg	
Common routes of entry	Ingestion
Potential Effects of Acute Exposure	N/A
Potential Effects of Chronic Exposure	N/A
Symptoms of Overexposure	N/A

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SECTION 12: Ecological Information

12.1 Toxicity

N/A

12.2 Persistence and Degradability

N/A

12.3 Bioaccumulative potential

N/A

12.4 Mobility in Soil

N/A

12.5 Results of PBT and vPvB Assessment

N/A

12.6 Other Adverse Effects

N/A

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

SECTION 14: Transport Information

14.1 Un Number

N/A

14.2 Un Proper Shipping Name

N/A

14.3 Transport Hazard Class (es)

N/A

14.4 Packing Group

N/A

14.5 Environmental Hazards

N/A



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14.6 Special Precautions for User

N/A

14.7 Transport in Bulk according to Annex II of MARPOL73/78 and the IBC Code

N/A

SECTION 15: Regulatory Information

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

N/A

15.2 Chemical Safety Assessment

N/A

SECTION 16: Other Information

This information is believed to be accurate and represents the best information currently available to StatLab Medical Products. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information of their particular purposes.