



MATERIAL (SAFETY DATA SHEET)

PRODUCT INFINITY 4.1 PART B

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I. Product Identification

Product code: 54112, 54114, 54115, 54605

Synonyms: Amerithane

Manufacturer/Supplier

Delta Kits Inc.

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II. Hazard identification

Emergency Overview:

Physical Appearance:

Milky white liquid.

Immediate concerns:

May cause eye, skin and respiratory tract irritation. May cause asphyxiation, or brain, lung or other organ injury if inhaled, swallowed or absorbed by the skin.

Potential Health Effects:

Eyes:

Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

Skin:

Not applicable

Skin Absorption:

Liquid is moderately irritating to the skin. Prolonged or repeated contact can result in drying of the skin which may result in skin irritation and dermatitis (rash). Liquid may be absorbed through the skin.

Ingestion:

Ingestion may cause irritation and damage to mucous membranes.

Inhalation:

Vapors may be irritation to the nose, throat, and respiratory tract. Prolonged inhalation may cause headaches or nausea.

Chronic:

No chronic health concerns known.

Carcinogenicity:

This material is not currently known to have carcinogenic properties.

Mutagenicity:

This material is not known to have mutagenic effects on genetic makeup.

Reproductive toxicity:

Reproductive Effects:

This material is not known to cause any reproductive system damage.

Teratogenic Effects:

This material is not known to contain any teratogenic substances.

Irritancy:

This material may cause irritation to the eyes, skin and respiratory tract. Use correct PPE when handling this material.

Signal Word Danger:



Hazard Statements:

H318. Causes serious eye damage.

H341 Suspected of causing genetic defects.

H317 May cause an allergic skin reaction.

H373 May cause damage to organs through prolonged or repeated exposure if swallowed.

Precautionary Statements:

P273 Avoid release to the environment.

P302 IF ON SKIN: Wash with plenty of soap and water.

P352

P264 Wash thoroughly after handling.

P280 Wear Protective gloves/protective clothing/eye protection/face protection.

P333 If skin irritation or rash occurs: Get medical advice/attention.

P313

III. Composition

| Chemical Name | C.A.S. number | Weight-% |
|--------------------------|---------------|-----------|
| POLYFUNCTIONAL AZIRIDINE | 64265-57-2 | 5% TO 10% |

* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

"Warning: This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm."

IV. First Aid Measures

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Seek medical aid if irritation persists.

Skin Contact:

Wash with soap and water. Rinse for at least 10 minutes. Remove contaminated clothing and shoes. Get medical attention if affected area burns.

Inhalation:

Immediately remove victim to fresh air. If victim is not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Ingestion:

Do not induce vomiting, and seek immediate medical attention. Do not attempt to give any liquids if victim is unconscious.

Most important symptoms and effects, both acute and delayed:

Symptoms:

No further relevant information available.

Effects:

No further relevant information available.

Note to physicians:

If the victim is a child, give no more than 1 glass of water and 15cc (1 tablespoon) syrup of ipecac. If symptoms such as loss of gag reflex, convulsions, or unconsciousness occur before emesis, gastric lavage should be considered following intubation with a cuffed endotracheal tube.

V. Fire-Fighting Measures

Flash Point and Method:

487.4° F / 253.2° C Setflash.

Auto-ignition temperature:

Unknown.

Suitable extinguishing media:

Use water fog, "alcohol" foam, dry chemical, or CO2.

Unsuitable extinguishing media:

None Known.

Fire fighting procedures:

Clear the fire area of unprotected personnel. Do not enter confined fire space without full bunker gear, including a positive pressure NIOSH approved SCBA. Cool fire exposed containers with water. If water is used, fog nozzles are preferred.

Unusual fire and explosion and fire hazard:

When heated above the flash point, this material emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Combustion products:

Unknown.

VI. Accidental Release Measure

General Procedures:

Ventilate area of leak or spill for at least 24 hours or until it has been declared safe. Stop the leak if there is no risk involved. Clean-up personnel require protective clothing and respiratory protection from vapors. Absorb liquid with inert material. Only specially trained or qualified personnel should handle the emergency.

Environmental Precautions:

Water spill:

Keep material out of storm sewers and ditches which lead to waterways.

Land spill:

Contact applicable authorities and determine applicable regulations based on SDS information.

Air release:

Contact applicable authorities and determine applicable regulations based on SDS information.

Personal Precautions: For non-emergency personnel:

Protective equipment:

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Emergency precautions:

For personal protection see section 8.

Method of cleaning up:

Avoid dispersal of spilled 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).

Method of cleaning up:

Clean up spills immediately and dispose of waste safely.

VII. Storage and Handling Procedures

Precautions for safe handling:

Avoid freezing. Avoid contact with bacteria, fungus, or other microorganisms. Keep container closed when not in use to avoid skinning and microorganism contamination. Do not handle without proper protective clothing and equipment.

Conditions for safe storage, including incompatibilities:

KEEP OUT OF REACH OF CHILDREN! Empty containers retain product and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Keep containers tightly sealed.

VIII. Exposure Controls and Personal Protection

OSHA Table comments:

| | |
|--------------------------------------|-----------------|
| POLYFUNCTIONAL AZIRIDINE(64265-57-2) | |
| Exposure Test | Exposure Limits |

Exposure limits:

None.

Engineering controls:

Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

Personal Protective Equipment:

Eyes and face:

Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

Skin:

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory:

If exposure may or does exceed occupational exposure limits (Section 8) use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134, use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

Work & hygienic practices:

Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking or using the toilet.

Other use precautions:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Comments:

May be harmful or fatal if swallowed. May irritate body tissues. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

IX. Physical and Chemical Properties

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| | | | | | |
|------------------------------|-----------------|-------------------------------------|------------------------|---------------------------|----------------|
| Physical state | Liquid | Evaporation Rate | Not Applicable | % Solubility in water | Class II |
| Color | Light Yellow | Flammability(Solid/Gas) | Not Applicable | Decomposition Temperature | Not Applicable |
| Odor | Amine like odor | Flammable limits | Not Applicable | VOC | 943.0 g/L |
| Odor Threshold | Not Applicable | Vapour pressure | Not Applicable | VOC Part A and B mixed | 222.0 g/L |
| pH | Not Applicable | Vapour density | Not Applicable | Viscosity | Not Available |
| Melting point/freezing point | Not Applicable | Density: | 1.08 g/cm ³ | Specific Gravity | Not Applicable |
| Boiling point | Not Applicable | Octanol/water partition coefficient | Not Applicable | Evaporation Rate | Not Available |

X. Stability and reactivity

| | |
|-------------------------------------|---|
| Stability: | Yes. |
| Hazardous Polymerization: | Will not occur under normal conditions. |
| Conditions to avoid: | Avoid freezing. |
| Polymerization: | Avoid heat, flame, and other sources of ignition. |
| Hazardous decomposition products: | None known. |
| Incompatible materials: | Acids, strong oxidizing materials. |
| Possibility of hazardous reactions: | None under normal conditions of use. |

XI. Toxicological Information

Acute toxicity values: Not Applicable.

| | |
|--------------------------------------|-----------------------|
| POLYFUNCTIONAL AZIRIDINE(64265-57-2) | |
| LD50 Inhalation | Not listed |
| LD50 Oral | Female rat, 2000mg/kg |

Signs and symptoms of overexposure: None Identified.

Acute effects:

| | |
|------------------|---|
| Eye: | Causes Serious Eye damage. |
| Skin: | Causes skin irritation. Allergic reactions are possible. |
| Inhalation: | Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation. |
| Ingestion: | Harmful if swallowed. |
| Target organ: | Data not available. |
| Chronic effects: | Relevant data not available |

Symptoms of related:

| | |
|--------------------------------|---------------------|
| Physical: | Data not available. |
| Chemical: | Data not available. |
| Toxicological characteristics: | Data not available. |
| Delayed and immediate effects: | Data not available. |

XII. Ecological Information

| | |
|--------------------------------|--|
| Ecotoxicological information: | No further relevant information available. |
| Persistence and degradability: | No further relevant information available. |
| Bio-Accumulative potential: | Not Applicable. |
| Mobility: | No further relevant information available. |
| Other adverse effects: | No further relevant information available. |

Ecological information:

| | |
|--------------------------------------|------------|
| POLYFUNCTIONAL AZIRIDINE(64265-57-2) | |
| Test | No results |

XIII. Disposal considerations

Waste treatment methods:

| | |
|--|---|
| Product / Packaging disposal: | The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water. The generation of waste should be avoided or minimized wherever possible. 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |
| Waste treatment options and recommendations: | |

Waste code/waste designations according to EWC/AVV: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Safe handling: Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

XIV. Transportation information

| | |
|--|--|
| UN Number: | Not applicable. |
| UN Proper shipping name: | Not applicable. |
| DOT: Department of Transportation: | Not applicable. |
| IATA: International Air Transport Association: | Not applicable. |
| IMDG: International Maritime Dangerous Goods code: | Not applicable. |
| Shippers Note: | Shipper is solely responsible for regulatory compliance in classification, packaging and labeling of shipments. Shipper must refer to the latest transport regulation in effect. |

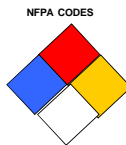
XV. Regulatory Information

UNITED STATES:

| | | | |
|--|---|------------|--------------|
| Sara title III 311/312 Hazard Categories: | Acute and chronic health hazard. | | |
| Fire: Yes | Reactivity: No | Acute: Yes | Chronic: Yes |
| Pressure generating : No | To the best of our knowledge, this product is not listed as a toxic chemical. | | |
| 313 Reportable ingredients: | To the best of our knowledge, this product is not listed as a toxic chemical. | | |
| 302/304 Emergency planning : | | | |
| Emergency Plan: | To the best of our knowledge, this product is not listed as a toxic chemical. | | |
| Other regulations: | No data available. | | |

XVI. Other information

| HMIS RATING | |
|-----------------------|---|
| Health : | 3 |
| Flammability : | 1 |
| Reactivity : | 1 |
| Personal Protection : | H |



CAS No: Chemical Abstract Service Registry Number
EPA: Environmental Protection Agency
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
NFPA: National Fire Protection Association
NIOSH: National Institute of Occupational Safety and Health
Sara: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet
STOT: Specific Target Organ Toxicity

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