

Safety Data Sheet



Issue Date: 01-Mar-2025

Version: 1.0

1. IDENTIFICATION

Product Identifier

Product Name	FliteGrip KAC
Synonyms	AMS 1435 Runway Deicing Fluid

Other means of identification

SDS#	ASG-011
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Revision Date

N/A

Recommended use of the chemical and restrictions on use

Recommended Use	Runway deicing
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Details of the supplier of the safety data sheet

Supplier Address

ASG Global Aviation Chemicals, LTD
77 City Centre Drive
East Tower, Suite 501
Mississauga, ON L5B 1M5 Canada
+1 905-267-3433

Emergency Telephone Number

Emergency Telephone (24 hr)	PH# +1 905-267-3433
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2. HAZARDS IDENTIFICATION

Appearance: Colorless or slightly yellow liquid	Physical State: Liquid	Odor: Slight acetic
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Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Not disclosed. Meeting OSHA Hazard Communication Standard [29 CFR 1910.1200] and Canada's Hazardous Products Regulations [SOR/2015-17]

4. FIRST-AID MEASURES**First Aid Measures****General Advice**

Provide this SDS to medical personnel for treatment

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Skin Contact

Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

Inhalation

Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician/poison center if individuals condition declines or if symptoms persist.

Ingestion

If swallowed, do not induce vomiting, except at the direction of medical personnel. Rinse mouth. Get medical attention immediately.

Most important symptoms and effects**Symptoms**

May cause eye and skin irritation. May cause nausea, vomiting, stomach ache and diarrhea.

Indication of any immediate medical attention and special treatment needed**Notes to Physician**

May aggravate pre-existing skin disorders.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Water, foam, carbon dioxide, dry powder

Unsuitable Extinguishing Media

Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Specific Hazards Arising from the Chemical

This material will only burn when the water content has completely evaporated. However, the material residue can burn.

Hazardous Combustion Products

Carbon oxides, Potassium oxides, sodium oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Wear protective clothing as described in Section 8 of this safety data sheet.
Ventilate affected area.

Environmental Precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Methods and material for containment and cleaning up**Methods for Containment**

Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an inert (i.e. vermiculite, dry sand or earth) absorbent material.

Methods for Clean-Up

Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS.

Prevention of Secondary Hazards

Material can create slippery conditions.

7. HANDLING AND STORAGE**Precautions for Safe Handling****Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Follow all SDS/label precautions even after container is emptied, because it may retain product residues. Do not breathe vapors or spray mist. Do not eat, drink, or smoke when handling product.

Conditions for Safe Storage, Including any Incompatibilities**Storage Conditions**

Keep container tightly closed and store in a cool, dry and well-ventilated place away from direct sunlight. Store away from incompatible materials.

Packaging Materials

Empty containers retain product residue and can be hazardous

Incompatible Materials

Strong acids, strong bases, strong oxidizers

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

No exposure limits noted for ingredient(s). The following information is given as general guidance.

Appropriate Engineering Controls**Engineering Controls**

Apply technical measures to comply with the occupational exposure limits. Eyewash stations. Showers.

Individual Protection Measures, Such as Personal Protective Equipment**Eye/Face Protection**

Wear eye protection if splashing is possible.

Skin and Body Protection

Chemical impervious to gloves. Boots, aprons needed for protection against spill/splashes

Respiratory Protection

Not usually necessary under conditions of normal use. In case of inadequate ventilation wear respiratory protection.

General Hygiene Considerations

Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on Basic Physical and Chemical Properties**

Physical State	Liquid
Appearance	Clear, slightly yellowish liquid
Color	Clear, slightly yellowish
Odor	None
Odor Threshold	Not Determined

<u>Property</u>	<u>Values</u>	<u>Remarks – Method</u>
pH	9.0 - 11.0	@ 20°C
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	

Flash Point	> 100 °C (>212°F)	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Liquid-not applicable	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.27 – 1.3	@ 20°C (68°F)
Density	10.58 – 10.83	
Water Solubility	Completely miscible	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Viscosity	Similar to water	
Explosive Properties	Not an explosive	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions

Chemical Stability

Stable under recommended storage conditions

Possibility of Hazardous Reactions

None under normal processing

Hazardous Polymerization Hazardous polymerization does not occur

Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources. Keep separated from incompatible substances.

Incompatible Materials

Strong acids, strong bases, strong oxidizers.

Hazardous Decomposition Products

Incomplete combustion may produce Carbon Monoxide and other harmful gases.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact May cause temporary irritation on eye contact.

Skin Contact May cause temporary irritation on skin contact.

Inhalation Avoid breathing vapors or mists

Ingestion May cause discomfort if swallowed.

Acute Toxicity (Oral): Not determined
Acute Toxicity (Dermal): Not determined
Acute Toxicity (Inhalation): Not determined
LD50 and LC50 Data: Not determined
Germ Cell Mutagenicity: Not determined

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms

Delayed and Immediate Effects as Well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecology – General: Not determined

Degradability:

Potassium Acetate Liquid Runway Deicer Not determined

Bioaccumulative Potential:

Potassium Acetate Liquid Runway Deicer Not determined

Mobility in Soil:

Not determined

Other Adverse Effects:

Avoid release into the environment

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

DOT Not regulated

IATA Not regulated

IMDG Not regulated

TDG Not regulated

15. REGULATORY INFORMATION

Canadian Regulations

This product nor its components are listed on the Canadian Domestic Substances List nor the Non-Domestic Substances List, or are not required to be disclosed.

US Federal Regulations

Neither this product nor its chemical components appear on any US federal lists, or its chemical components are not required to be disclosed.

US State Regulations

Neither this product nor its chemical components appear on any US federal lists, or its chemical components are not required to be disclosed.

16. OTHER INFORMATION

Issue Date: 01-Mar-2025

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF SAFETY DATA SHEET