

DRAGON'S BREATH Windshield Defrosting Spray

Safety Data Sheet



Issue date 1-June-2018

1. IDENTIFICATION

Product Name: **Dragon's Breath**

Other means of identification:

UN 1950, AEROSOLS, nos, (each not exceeding 1L in capacity) 2.1 LTD QTY
Recommended use: Defrosting, Ice-melting windshields and locks.

Prepared by: Safety Department

Source: US Specialty Coatings / 1000 McFarland 400 Blvd / Alpharetta, GA 30004 USA
Company Phone Number: 770-740-8123 / 800-278-7473 / Fax: 770-740-8125

Emergency Telephone Number (24 Hours): INFOTRAC 352-323-3500 (International)
1-800-535-5053 (N.America) Section 2 - Hazards Identification

2. HAZARD STATEMENTS



Signal word: Danger

Hazard Statements:

Contents Under Pressure. Harmful if inhaled.

May affect the brain or nervous system causing dizziness, headache or nausea.

Vapors may cause flash fire or explosion. Harmful if swallowed.

Appearance: Aerosol (in steel can) containing white, black or colored paints

Physical state: Liquid under pressure

Precautionary Statements: **PREVENTION**

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Wear protective gloves/protective clothing/eye protection/face protection

Use in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray

Keep away from heat/sparks / open flames / hot surfaces.

For indoor use: Use process enclosures, local exhaust ventilation, or other

engineering controls to control airborne levels below recommended exposure limits.

Prevent build-up of vapors: open all doors and windows to achieve cross-ventilation.

Use explosion-proof ventilation equipment.

Respiratory Protection: None required. However a mask, respirator would be helpful.

Skin Protection: None required. However Nitrile or Neoprene gloves may afford

adequate skin protection.

Use impervious gloves to prevent skin contact and absorption through the skin.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other protective equipment: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

IN CASE OF FIRE extinguish with CO₂, dry chemical, foam, water fog

Precautionary Statements: **RESPONSE**

Eye Contact: Hold eyelids apart and flush with plenty of water for at least 15 minutes.

Remove contacts lenses if present after 5 minutes. Get medical attention.

Skin Contact: Wash with soap and water.

Inhalation: Leave the area to obtain fresh air. Get medical attention if you feel unwell.

Ingestion: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

Precautionary Statements: **STORAGE**

Store locked up. Store in a well-ventilated place.

Precautionary Statements: **DISPOSAL**

Dispose of contents/container at an approved waste disposal plant.

Hazards not otherwise classified (HNOC): Not Applicable

Other Information:

3. COMPOSITION / INFORMATION on INGREDIENTS

Chemical Name	CAS No	Weight-%
Potassium Formate	590-29-4	30-50
Water		20-30
Nitrogen (propellant)	7727-37-9	20-30

4. FIRST AID MEASURES

INHALATION: Move victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if you feel unwell.

EYE CONTACT: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Get immediate medical advice/attention.

INGESTION: (Unlikely) Rinse mouth. DO NOT induce vomiting (aspiration risk).
Drink 1/2 cup water, citrus fruit juice, or milk. Call a physician or poison control center immediately.

SKIN CONTACT: Wash off immediately with soap and water. Remove /Take off contaminated clothing and wash contaminated clothing before reuse.

Most important symptoms both acute and delayed:

Causes eye irritation. Prolonged or repeated contact may cause skin irritation. May cause slight skin irritation. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Avoid breathing vapors or mists. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Harmful if inhaled. Substance may be harmful if swallowed.

Chronic Hazards: None.

4. FIRE FIGHTING MEASURES

Non Flammable.

Isolate from heat, electrical equipment, sparks and open flame.

Perforation of the pressurized container may cause bursting of the can.

Special Firefighting Procedures: Evacuate area and fight fire from a safe distance.

Extinguishing Media: Dry Chemical, Foam, Water Fog

Unusual Fire And Explosion Hazards: Not applicable.

Closed containers may explode when exposed to extreme heat. Store waste in closed metal containers until disposed of in compliance with all applicable regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment as required. Remove all sources of ignition. Spills may be slippery. Prevent foot traffic.

Environmental precautions: Do not discharge outside. Do not permit to escape directly into creeks or other natural waterways.

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up large spills: Reclaim liquid with mop and bucket. Filter and save for some use where quality is not critical.

Methods for cleaning up small spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Clean up in accordance with all applicable regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:

Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Do not breathe fume /gas /mist /vapors /spray. Use personal protection recommended in

Section 8. Use only in well-ventilated areas. Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Storage Conditions: Keep containers in a dry, cool and well-ventilated place.

Keep locked up and out of reach of children and pets. Protect from direct sunlight.

Store at 40-95°F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate Engineering Controls:

Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, Appropriate Personal Protective Equipment:  

Eye/ face protection: Wear approved splash goggles.

Skin and body protection: Wear nitrile or neoprene gloves.

Respiratory protection: Under normal exterior conditions, respirator is not required.

General Hygiene: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

pH: Not applicable.

Melting point/freezing point (for propellant): Not applicable.

Initial boiling point & range (for propellant): Not applicable.

Flash point (for propellant): Not applicable.

Evaporation rate: Not determined.

Flammability (solid, gas): Non flammable.

Lower flammability limit (for propellant): Not applicable.

Upper flammability limit (for propellant): Not applicable.

Vapor pressure (for propellant): Not applicable.

Vapor density (for propellant): Not applicable.

Relative density (water =1): Less than 1

Solubility (H₂O): Soluble.

Solubility in other solvents: Yes (petroleum solvents).

Partition coefficient, Autoignition temperature, Decomposition temperature

Kinematic viscosity, Dynamic viscosity, Explosive properties, 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: Incompatible materials. Heat.

Incompatible materials: Bleach. Strong acids.

Hazardous Decomposition Products: Carbon oxides. Others not determined.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation: Not Harmful. However avoid inhalation.

Eye contact: Causes minor eye irritation. However avoid contact to eyes.

Skin Contact: Not Harmful. However avoid contact with skin.

Ingestion: Harmful if swallowed (unlikely).

Component Information

Information on physical, chemical and toxicological effects: please see section 4 of this SDS for Symptoms

No known or suspected carcinogens are present in this product.

May cause respiratory irritation. May cause drowsiness or dizziness.

12. ECOLOGICAL INFORMATION

Non Toxic.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods: dispose of wastes in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

UN ID No Proper Shipping Name (same for DOT, IATA and IMDG) Class

UN 1950 AEROSOLS, FLAMMABLE, nos, (each not exceeding 1L in capacity) 2.1, LTD QTY

Emergency Telephone INFOTRAC 352-323-3500 (International)
1-800-535-5053 (North America)

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



15. REGULATORY INFORMATION

U.S. Federal Regulations:

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

All ingredients for this product are listed on the TSCA inventory.

SARA Title III chemicals: None

Hazards for Section 311/312: Acute Health, Fire Hazard, Sudden Release of Pressure

California Prop 65 chemicals: None

CERCLA reportable quantity: None

RCRA hazardous waste no.: D001 (Ignitable)

US State Regulations: U.S. State Right-to-Know Regulations / N/A

16. OTHER INFORMATION

HMIS



0 = minimal risk
1 = slight risk
2 = moderate risk
3 = serious risk
4 = extreme risk

NFPA



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.