

MATERIAL SAFETY DATA SHEET

MSDS FORMAT MEETS ANSI Z400.1-1993 AND OSHA 1910.1200

SECTION 1 • CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE H0152CT (Aerosol)
PRODUCT NAME AEROSOL FREEWAY WITH NITROGEN
MSDS REVISION NUMBER 1
DATE OF PREPARATION OR REVISION January 25, 2006

MANUFACTURER INFORMATION

Chem-Pak, Inc.
242 Corning Way
Martinsburg, WV 25401
INFORMATION: 800-336-9828
EMERGENCY: 800-255-3924 (24hr)

SUPPLIER INFORMATION

Hackney
400 Hackney Avenue
PO Box 880
Washington, NC 27889-0880

Mfg. Part #: H0152CT

Supplier Part #:

SECTION 2 • COMPOSITION / INFORMATION ON INGREDIENTS

#	INGREDIENT, TECHNICAL DESCRIPTION	CAS NUMBER	OSHA PEL	ACGIH TLV	% WT
1	White Mineral Oil	8042-47-5	5 mg/m ³	5 mg/m ³	65-75
2	Hydrotreated Heavy Petroleum Naptha	64742-48-9	5 mg/m ³	5 mg/m ³	25-35
3	Hydrotreated Light Petroleum Distillate	64742-53-6	5 mg/m ³	5 mg/m ³	<10
4	Nitrogen	7727-37-9	N/E	N/E	
5					

N/E = None Established

SECTION 3 • HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CONTENTS UNDER PRESSURE. STORE BELOW 120°F, OUT OF SUNLIGHT AND AWAY FROM HEAT SOURCES. DO NOT PUNCTURE OR INCINERATE.

HMIS Ratings: Health-1 Fire-0 Reactivity-0 Protective Equipment-A

POTENTIAL HEALTH EFFECTS

EYE: Liquid or vapors may cause redness, burning, tearing, swelling and/or pain.

SKIN: Frequent or prolonged contact may result in mild skin irritation.

INGESTION: Due to being an aerosol, product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat and gastrointestinal tract, resulting in vomiting and/or cramps.

INHALATION: Inhalation may cause irritation of the mucous membranes and upper respiratory tract resulting in coughing, headache, or discomfort.

MEDICAL CONDITIONS AGGRAVATED: Skin contact may aggravate an existing dermatitis. Other conditions unknown.

CARCINOGEN DATA: None of the ingredients in this product are listed with OSHA, IARC or NTP as being carcinogenic.

SECTION 4 • FIRST AID MEASURES

INGESTION: Unlikely due to being in aerosol form. Should actual ingestion occur, do not induce vomiting! Drink a glass of water or milk to dilute. Contact a physician. Never give anything by mouth to an unconscious person.

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EYE: Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician for definitive treatment.

SKIN: Remove with soap and water. Consult a physician if irritation continues.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.

SECTION 5 • FIRE FIGHTING MEASURES

FLASH POINT: > 350 °F

FLAMMABLE LIMITS: LEL: no data UEL: no data

EXTINGUISHING MEDIA: Use media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire exposed aerosol containers for containers can rupture violently from heat developed pressure.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure.

SECTION 6 • ACCIDENTAL RELEASE MEASURES

CONTAINMENT PROCEDURES: Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content should be contained as any other solvent spill.

SPILL CLEANUP: Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove all sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

SPECIAL INSTRUCTIONS: Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal considerations.

REPORTING REQUIREMENTS: Spills due to the rupture of a single aerosol can are generally below any regulatory reporting requirements. However, if larger spills somehow result, the reporting requirements of the EPA and other local, state and federal agencies should be observed.

SECTION 7 • HANDLING AND STORAGE

Store in area below 120°F but above freezing. Do not incinerate (burn) containers. Assure can is in a secure place to prevent knocking over and accidental rupture. Always replace overcap when not in use. For storage of pallet quantities, compliance with ANSI/NFPA 30B is recommended.

SECTION 8 • EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINE: Since this product is a mixture, an OSHA or ACGIH exposure value is not available. In determination of any exposure procedures, protection or testing, use the lowest ingredient from Section 2.

SKIN PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing.

EYE PROTECTION: Safety glasses with side shields are recommended any type of industrial chemical handling.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required an appropriate NIOSH approved respirator for organic vapor should be worn. If respirators are needed, assure compliance with OSHA standard 29 CFR 1910.134.

ENGINEERING CONTROLS: General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be needed to control air contamination below that of the lowest TLV/PEL rated ingredient from Section 2.

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SECTION 9 • PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT : *No data* **VAPOR PRESSURE** : *No data*
VAPOR DENSITY (Air=1) ... : *No data* **WATER SOLUBILITY** : *Complete*
SPECIFIC GRAVITY (H₂O=1) : *Below 1.0 g/cc* **PERCENT VOLATILE** : *15.0% Wt. Max*
APPEARANCE AND ODOR . : *Water white to straw color liquid with an oily odor*

SECTION 10 • STABILITY AND REACTIVITY

STABILITY : *Stable*
HAZARD POLYMERIZATION : *Will not occur*
CONDITIONS TO AVOID ... : *Heat, sparks, flame, red hot metal*
INCOMPATIBILITIES : *Strong acids, bases, and oxidizing materials*
DECOMPOSITION PRODUCTS: *Combustion products contain carbon dioxide and carbon monoxide.*

SECTION 11 • TOXICOLOGICAL INFORMATION

ACUTE ORAL LD50 : *No data*
ACUTE DERMAL LD50 : *No data*
ACUTE INHALATION LC50 . : *No data*

SECTION 12 • ECOLOGICAL INFORMATION

This product has not been tested for environmental effects

SECTION 13 • DISPOSAL CONSIDERATIONS

An aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under RCRA and state regulations.

SECTION 14 • TRANSPORTATION INFORMATION

DOT HM-181 INFORMATION

Proper Shipping Name .. : *Consumer Commodity*
Hazard Class or Division : *ORM-D*
Identification Number ... : *none*
Packaging Group : *-*
Label(s) Required : *none*

INTERNATIONAL TRANSPORTATION REGULATIONS

Proper Shipping Name .. : *Aerosols, Flammable NOS*
Class or Division : *2.1*
Subsidiary Risk : *-*
Hazard Label(s) : *Flammable Gas*
Packaging Group : *-*
UN or ID Number : *UN1950*

SECTION 15 • REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT: *All of the ingredients in this product are on the TSCA inventory.*

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SARA TITLE III, SECTION 313: The following ingredients are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: *None*

CLEAN AIR ACT (CAA): The following ingredients appear on the List of Hazardous Air Pollutants (HAP - 42 USC 7412, Title I, Part A, p112): *None*

CLEAN WATER ACT (CWA): The following ingredients appear on the CWA List of Hazardous Substances (40 CFR 116.4): *None*

CALIFORNIA PROPOSITION 65: The following ingredients appear on the Proposition 65 list(s): *None*

CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS): The following ingredients are listed: *None*

SECTION 16 - OTHER INFORMATION

No other data available

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