

VAN AIR SYSTEMS



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U.S. Department of Labor Occupational Safety and Health Administration (non-mandatory form)
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Material Safety Data Sheet

Section 1 – Chemical Product Information

Date Prepared: January 1, 2009

Product: **SP (Special Purpose)**
(Alkali chloride salt > 75%)

Part No.: 33-0205, 33-0283 & 33-0328

SP DESICCANT	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	1
PROTECTIVE EQUIPMENT	E

Section 2 – Hazardous Ingredients/Identity Information

- 1) The ingredients and percentage of ingredients in type "SP" is a trade secret.
- 2) The main ingredient of this product is a "Hazardous Chemical" as defined by the OSHA Hazardous Communication Standard, 29 CFR 1910.1200 due to the possibility of eye or skin irritation.
- 3) To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.
- 4) WHMIS Classification (Canada): D2B – Eye or skin irritant.
- 5) This product is not regulated by D.O.T. (US) or Canadian Dept of TDG when shipped domestically by land.

Section 3 – Physical Chemical Characteristics

Boiling Point: N/A
Bulk Density: 55 +/- 3#/ft³
Vapor Pressure (mm Hg): 1.0 mmHg @ 68°F.
Melting Point: approx. 345°F
Vapor Density (Air=1): Not applicable.
Solubility in Water: Very soluble.
Evaporation Rate (Butyl Acetate=1): Not applicable.
Appearance and Odor: Tablet size – 1" diameter X 3/4" height. White to off-white tablets. Odorless.

Section 4 – Fire and Explosion Hazard Information

Flammable Properties
Flash Point: Not applicable.
Method Used: Not applicable.
Flammability Limits
LEL: Not applicable.
UEL: Not applicable.
Fire Fighting Instructions: Keep people away. Isolate fire area and deny unnecessary entry.
Extinguishing Media: This material does not burn.
Unusual Fire and Explosion Hazards: Non-flammable.

Section 5 – Reactivity Information

Stability (Conditions to avoid): Stable. Hygroscopic.
Incompatibility (Materials to avoid): Sulfuric acid. Corrosive to some metals. Heat is generated when mixed with water (spattering/boiling).
Hazardous decomposition/byproducts: None.
Hazardous Polymerization: Will not occur.

Section 6 – Health Hazard Information

Potential Health Effects:	Inhalation, ingestion, skin and eye contact.
Health Hazards (acute and chronic):	Dust may cause severe irritation to the eyes with corneal injury. Effects may be slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns. Dust may cause irritation to upper respiratory tract.
Carcinogenicity:	No.
NTP:	No.
IARC Monographs:	No.
OSHA Regulated:	No.
Signs and Symptoms of Exposure:	Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp and/or irritated or if material is confined to skin.
Emergency and First Aid Procedures	
Eyes:	Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.
Skin:	Wash off in flowing water or shower.
Inhalation:	Remove to fresh air if effects occur.
Ingestion:	If swallowed, seek medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.
Physician Notes:	If burn is present, treat as a thermal burn, after decontamination. No specific antidote. Supportive care based on judgment of physician.

IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION

Section 7 – Precautions for Safe Handling and Use

Small/Large Spills:	Contain spill if possible. Sweep or shovel up immediately due to slippery conditions. Collect in suitable and properly labeled container. For large spills - Dike first then transfer to suitable and properly labeled containers. Flush residue with plenty of water.
Waste Disposal Method:	Do NOT dump into any sewers, on the ground or into any body of water. All disposal methods must be in compliance with all Federal, State/Provincial and Local laws and regulations.
Handling & Store:	Keep containers tightly closed and store in a dry place. Protect from atmospheric moisture.
Other precautions:	Avoid contact with eyes and skin. Wash exposed body areas thoroughly after handling.

Section 8 – Control Measures

Respiratory Protection (specific type):	In dusty atmospheres, use an approved respirator.
Ventilation:	Use adequate ventilation. Local, Mechanical and Special Exhaust – Not applicable. Other Exhaust – Avoid inhaling dust.
Protective Gloves:	Use impervious gloves at all times.
Eye Protection:	Use chemical goggles to protect from dust as needed.
Other Protective Clothing & Equipment:	Boots, apron or disposable clothing depending on operation.
Work/Hygienic Practices:	As part of good and personal hygiene and safety procedures, avoid all unnecessary handling of chemical tablets and ensure prompt removal from skin, eyes and clothing.