

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

MSDS DATE: 03/20/09

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Cold Packs (for 710 First Aid Kits)
SYNONYMS:
PRODUCT CODES:

MANUFACTURED FOR: Alliance in Mfg. LLC
ADDRESS: 3736 Windsor Place, St. Louis, MO 63113

EMERGENCY PHONE: 800-535-5053
CHEMTREC PHONE: 800-535-5053
INFORMATION: 800-535-5053

CHEMICAL NAME:
CHEMICAL FAMILY:
CHEMICAL FORMULA: NH_4NO_3

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT(S)</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>LD₅₀/LC₅₀</u>
Ammonium Nitrate	6484-52-2	96	4820 mg/kg (rat, oral) - n/a 3000 mg/kg (rabbit, skin)

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: SKIN/SKIN ABSORPTION: No EYE CONTACT: Yes INHALATION: No INGESTION: No

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation

SKIN: May be irritating to the skin

INGESTION: (Acute) Oral toxicity is listed as slight to moderate. Large amounts taken by mouth may have serious effects from ammonia and nitrate salts. 10 pp m of nitrate ion is considered a safe upper limit. (Chronic) Small repeated doses by mouth may cause headaches and mental impairment.

INHALATION: Dust may cause respiratory irritation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

CARCINOGENICITY
OSHA:

NTP:

IARC:

OTHER:

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with running water for at least 15 minutes. If irritation persists, call a doctor

SKIN: Wash skin with mild soap and water

INGESTION: No hazard in normal industrial use. If ingested, give 2 - 3 glasses of water and induce vomiting only if victim is conscious. Call a doctor immediately.

INHALATION: Minimal hazards under normal conditions. Exposure to thermal decomposition - evacuate person to fresh air, give respiratory support and call a physician.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS: LEL: n/a UEL: n/a
FLASH POINT: n/a
METHOD USED:

NFPA HAZARD CLASSIFICATION: HEALTH: FLAMMABILITY: REACTIVITY: 0

EXTINGUISHING MEDIA: Flood and cool hot nitrate with straight stream nozzles. Do not use salt water. Water is effective in desensitizing molten or contaminated nitrate.

SPECIAL FIRE FIGHTING PROCEDURES: Immediately ventilate structure to prevent pressure build up which will increase the possibility of explosion. Do not use spray or fog nozzles. Use straight stream nozzles to cool and desensitize molten nitrate. Respiratory protection required for fire fighting personnel. When any fire is burning out of control and water cannot safely be applied to desensitize nitrate fire crews should withdraw a safe distance and use unmanned fire lines.

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SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

SECTION 13: DISPOSAL CONSIDERATIONS/PROCEDURES FOR SPILL OR LEAK CLEANUP

WASTE DISPOSAL METHOD: Salvage spilled material profitably and place in suitable containers for reuse locally or contact the appropriate local authority for guidance on acceptable waste disposal methods.

PROCEDURE FOR SPILL OR LEAK CLEANUP: Advise police if substance has entered water course or sewer or has contaminated soil or vegetation. Take measures to minimize the effects on ground water.

ENVIRONMENTAL PRECAUTIONS: Keep out of all waterways and all bodies of water. Fertilizers may promote autrophication in waterways. Do not contaminate drinking water.

SECTION 14: TRANSPORT INFORMATION

SHIPPING NAME: Ammonium Nitrate Fertilizer, n.o.s

PIN: UN 2072

TDG HAZARD CLASS: Oxidizer

TDG LABELS REQUIRED: Oxidizer 5.1

TDG PLACARD REQUIRED: Oxidizer 5.1

WHMIS HAZARD CLASS: Oxidizer (C), Toxic (D2B)

WHMIS LABELS REQUIRED: Toxic, oxidizer

SECTION 15: REGULATORY INFORMATION

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

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