

**Material Safety Data Sheet (MSDS)****Instant Ice Pack**Dukal Corporation  
2 Fleetwood Court  
Ronkonkoma, NY 11779  
631-656-3800**SECTION I – PRODUCT IDENTIFICATION****Instant Ice Pack****PRODUCT:**

**Product Trade Name:** Instant Ice Pack (Assorted size and weights)  
**Chemical name and Synonyms:** Ammonium Nitrate and Water  
**Chemical Formula** NH<sub>4</sub>NO<sub>3</sub> and H<sub>2</sub>O  
**Emergency Telephone Number:** 631-656-3800

**SECTION II – HAZARDOUS INGREDIENTS**

Hazardous Components (Specific Chemical Identity Common Name(s))	OSHA PEL	ACGIH TLV	Other	% (optional)
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*This product is not regulated under, and a MSDS is not required for this product by the OSHA Hazard Communication Standard (29 CFR 1910.1200) because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard.*

*However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards*

NFPA	Health = 0	Flammability = 0	Reactivity = 0
HMIS	Health = 0	Flammability = 0	Reactivity = 0

Hazard Index: 4=Severe, 3=Serious, 2=Moderate, 1=Slight, 0=Minimal

**SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS**

**Physical State:** Colorless Liquid  
**Evaporation Rate (Butyl Acetate=1):** N/A  
**Solubility in Water:** Insoluble  
**Odor:** None

**SECTION IV– FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** N/A  
**Flammable Limits:**  
**Extinguishing Media:** Carbon dioxide, dry chemical or water  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None

**SECTION V– REACTIVITY DATA**

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**Stability:** Stable  
**Incompatibility (Materials to Avoid):** None Known  
**Hazardous Decomposition or Byproducts:** None Known  
**Hazardous Polymerization:** Will Not Occur

**SECTION VI- HEALTH AND HAZARD DATA****Route(s) of Entry:**

**Inhalation?** None Known  
**Skin?** Yes  
**Eyes?** Yes  
**Ingestion?** Yes

**Health Hazards (Acute and Chronic):**

**Inhalation** None  
**Skin Contact** Prolonged skin contact after mixing may cause skin irritation.  
**Eye Contact** If redness or irritation persists, contact a physician.  
**Ingestion** Ingestion of large quantities may cause nausea and vomiting. If ingested, seek medical attention.

**Carcinogenicity**

**NTP?** No  
**LARC Monograph?** No  
**OSHA Regulated?** No

**Signs and Symptoms of Exposure:**

NA

**Medical Conditions Generally**

Sensitive or inflamed skin may become irritated.

**Aggravated by Exposure:****Emergency and First Aid Procedures:**

If large quantities are ingested, administer warm water and contact physician. With eye contact, flush with water. If irritation persists, contact physician.

**SECTION VII- PRECAUTION FOR SAFE HANDLING AND USE**

**Steps to be taken in Case Material is Released or Spilled:** Sweep up spills immediately and transfer to a suitable waste disposal container. Flush area with water.

**Waste Disposal Method:** Follow local, state and federal regulations

**Storage:** None

**Precautions to Be taken in Handling and Storage:** None Known

**Other Precautions:** None Known

**SECTION VIII- CONTROL MEASURES**

**Respiratory Protection (Specific Type):** NA

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**Local Exhaust:** None  
**Mechanical (General):** None  
**Special:** NA  
**Other:** NA  
**Protective Gloves:** NA  
**Eye protection:** NA  
**Other Protective Clothing or Equipment:** NA  
**Work / Hygiene Practices:** Good hygienic practice.

**SECTION IX– INTERNATIONAL TRANSPORT INFORMATION**

**USDOT:** No Restriction

The ingredients in this product do not subject it to the reporting requirements of the CERCLA Hazardous Substance List and the Clean Water Act. This product is not formulated with, nor do the manufacturing or formulation processes utilize any Class I or Class II ozone depleting substances regulated by the EPA under the Clean Air Act.

**Issue Date:** 11-30-10  
**Prepared by:** Jim Vilardi

***Disclaimer***

*The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text*