

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: **ICE MELT PELLETS (NITRO MELT)**

PRODUCT USE: **Melting ice from exterior surfaces**

MANUFACTURER'S NAME: **Sipco Industries Ltd.** SUPPLIER'S NAME:

STREET ADDRESS: **7236 Wilson Avenue** STREET ADDRESS:

CITY: **Delta** PROVINCE: **BC** CITY: PROVINCE:

POSTAL CODE: **V4G 1H3** EMERGENCY PHONE: **(613) 996-6666** POSTAL CODE:

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER OR UN NUMBER OR NA NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)
Nitrogen	46.6	N/av.	N/av.	N/av.
Hydrogen	6.7	N/av.	N/av.	N/av.
Carbon	20	N/av.	N/av.	N/av.
Oxygen	26.7	N/av.	N/av.	N/av.

SECTION 3 – PHYSICAL DATA

PHYSICAL STATE	ODOUR AND APPEARANCE			ODOUR THRESHOLD (PPM)
Solid	White, spherical shape (prill), slight ammoniacal odor			N/ap.
VAPOUR PRESSURE (MM HG) N/ap.	VAPOUR DENSITY (AIR-1) N/ap.	EVAPOURATION RATE N/ap.	BOILING POINT N/ap.	FREEZING POINT N/ap.
pH N/ap.	SPECIFIC GRAVITY 1.335-1.34	COEFF. WATER/OIL DIST N/ap.	DENSITY N/ap.	

SECTION 4 – FIRE AND EXPLOSION DATA

FLAMABILITY IF YES, UNDER WHICH CONDITIONS?
YES ___ NO X WHICH CONDITIONS?

MEANS OF EXTINCTION **Use extinguishing media appropriate for surrounding fire. Use water spray to cool nearby containers and structures.**

SPECIAL PROCEDURES **Fire fighters should wear self-contained breathing apparatus and full protective clothing.**

FLASHPOINT AND METHOD **N/ap.** UPPER FLAMABLE LIMIT (% BY VOLUME) **N/ap.** LOWER FLAMABLE LIMIT (% BY VOLUME) **N/ap.**

AUTOIGNITION TEMPERATURE **N/ap.** HAZARDOUS COMBUSTION PRODUCTS **N/ap.**

EXPLOSION DATA **N/ap.** SENSITIVITY TO IMPACT **N/ap.** SENSITIVITY TO STATIC DISCHARGE **N/ap.**

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY YES <u>X</u> NO ___ IF NO, WHICH CONDITIONS?	REACTIVITY AND UNDER WHICH CONDITIONS? Excessive heat and contamination of any kind.
INCOMPATIBILITY WITH OTHER SUBSTANCES YES <u>X</u> NO ___ IF SO, WHICH ONES? Acids, oxidizing materials, strong bases.	HAZARDOUS DECOMPOSITION PRODUCTS May liberate carbon monoxide, carbon dioxide, oxides of nitrogen, ammonia, biuret and cyanuric acid.

PRODUCT DESCRIPTION **ICE MELT PELLETS (NITRO MELT)**

SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT X SKIN ABSORPTION _____ EYE CONTACT X INHALATION X INGESTION _____

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Dust will irritate eyes and will irritate skin after prolonged or repeated contact.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

Repeated long-term overexposure may cause dermatitis.

EXPOSURE LIMITS

Not established

IRRITANCY OF PRODUCT

Eye and skin irritant

SENSITIZATION TO PRODUCT

Not expected

CARCINOGENICITY

Not listed IARC

TERATOGENICITY

Not expected

REPRODUCTIVE TOXICITY

Not expected

MUTAGENICITY

Not expected

SYNERGISTIC PRODUCTS

Not known

SECTION 7 – PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Not required if engineering controls are effective.

GLOVES (SPECIFY)

Rubber gloves

RESPIRATOR (SPECIFY)

Use mask in dusty areas

EYE (SPECIFY)

Safety glasses if risk of eye contact

FOOTWEAR (SPECIFY)

Not required

CLOTHING (SPECIFY)

Not applicable

OTHER (SPECIFY)

Eye wash fountain and safety shower

ENGINEERING CONTROLS (SPECIFY E.G. VENTILATION, ENCLOSED PROCESS)

Local exhaust ventilation.

LEAK AND SPILL PROCEDURE

For small spills, sweep up and expose of in dot-approved waste containers. For large spills, shovel into dot-approved waste containers. Keep out of sewers, storm drains, surface waters and soil.

WASTE DISPOSAL

Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Dispose of according to Federal, Provincial and local regulations. Empty containers can have residues, gases and mists.

HANDLING PROCEDURE AND EQUIPMENT

Wash thoroughly after handling.

STORAGE REQUIREMENTS

Store in a cool, dry, well ventilated area away from incompatible materials. Keep bags or fiber drums dry at all times.

SPECIAL SHIPPING INFORMATION

NOT APPLICABLE

TDG UN NUMBER

NOT APPLICABLE

SECTION 8 – FIRST AID MEASURES

SPECIAL MEASURES

SKIN CONTACT: Immediately flush skin with lots of running water for 15 minutes. Remove contaminated clothing and wash before re-use. If irritation occurs and persists, seek medical attention.

EYE CONTACT: Immediately flush eyes with lots of running water for 15 minutes, lifting the upper and lower eyelids occasionally. Get immediate medical attention.

INHALATION: Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.

INGESTION: Do not induce vomiting. If conscious, give lots of water or milk. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.

ABBREVIATIONS USED: N/AV=NOT AVAILABLE

N/AP=NOT APPLICABLE

SECTION 9 – PREPARATION OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC)

Sipco Industries Ltd.

PHONE NUMBER

(604) 940-9922

DATE

JAN. 2009