

SAFETY DATA SHEET

WALK SAFE™ FOR PETS - UREA

MSDS NO.: KC003

Rev Date: 02-03-2015

Rev. Num. 00

1. IDENTIFICATION:

COMPANY NAME: Knight Chemicals LLC
ADDRESS: 7320 W. Florist Ave
Milwaukee, WI 53218
TELEPHONE: 1(800)825-7650
FAX: 1(414)461-0903
EMERGENCY CONTACT: Call CHEMTREC at 800-424-9300 for 24 hour Emergency Response involving a spill, leak, fire, exposure, or accident.
TO REQUEST AN SDS: info@knightchemicals.com or www.knightchemicals.com
PRODUCT NAME / USE: Walk Safe™ For Pets / Ice Melting

2. HAZARD(S) IDENTIFICATION:

NFPA Hazard Rating (HMIS / NFPA): (Scale 0-4)

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 PERSONAL PROTECTION: **B**

EMERGENCY OVERVIEW:

APPEARANCE: White prills or granules
ODOR: None
REACTIVITY: None
PRIMARY ROUTE OF ENTRY: Skin Contact

POTENTIAL HEALTH EFFECTS:

EYE: Dust from this product may cause particulate discomfort to eyes

SKIN CONTACT: Slight dermal abrasion is possible with prolonged contact, especially around cuffs and collars.

SKIN ABSORPTION: Not normally absorbed through the skin

INGESTION: Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.

INHALATION: Dusty conditions may cause mechanical aggravation to respiratory mucous membranes.

EFFECTS OF OVERDOSE: Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

PRODUCT TRADE NAME: Walk Safe™ For Pets
CHEMICAL NAME: Urea
SYNONYMS: Carbamide resin; Isourea; Carbonyl diamide
CHEMICAL FAMILY: Inorganic Chemical Fertilizer
CAS NUMBER: 57-13-6

<u>CHEMICAL</u>	<u>Wt %</u>	<u>CAS No.</u>	<u>TLV (ACGIH)</u>	<u>PEL (OSHA)</u>
Urea	> 98.7	0057-13-6	NE	Not Available

4. FIRST AID MEASURES

EYES: Flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.

SKIN: Wash with soap and water. Seek medical attention if condition persists

INGESTION: If large amount is ingested, give 2-3 glasses of water and induce vomiting. Seek medical attention. (Never give anything by mouth or attempt to induce vomiting in an unconscious person.)

INHALATION: Remove to fresh air if effects occur. Seek medical attention if condition persists.

NOTE TO PHYSICIAN: Consult standard literature. Treatment based on the sound judgment of the physician and the individual reactions.

5. FIRE-FIGHTING MEASURES:

FIRE & EXPLOSION HAZARD: Negligible fire hazard when exposed to heat or flame.

EXTINGUISHING MEDIA: Use media suitable to extinguish source of fire.

FIRE FIGHTING PROCEDURES: Product is not combustible.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: Wear positive-pressure, self-containing breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves). Avoid contact with this material during fire fighting operations. If contact is likely, change to full chemical resistant fire fighting clothing with self-containing breathing apparatus and fight fire from a remote location.

UNUSUAL FIRE & EXPLOSION HAZARDS: During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH₃, SO_x, PO_x, or CN.

6. ACCIDENTAL RELEASE MEASURES:

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers. This product is a fertilizer and may promote algae growth.

Steps to be taken in case material is released or spilled:

- Keep from entering waterways. Sweep up material and place in suitable container for use as a fertilizer or for disposal.

7. HANDLING & STORAGE

Comply with federal, state, and local laws, regulations and procedures when storing this product. Store in a tightly closed container. Store away from incompatible materials. Do not store in attic, upper floors or any area where leaking of contents could cause damage.

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

- Store in a cool, dry area. Prevent spillage and separate from strong oxidizers.
- Use normal safety procedures and good personal hygiene.
- Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE GUIDELINES: There are no occupational exposure limits established by OSHA, ACGIH or NIOSH.

VENTILATION: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

RESPIRATORY PROTECTION: Approved dust respirator when necessary.

SKIN PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. Use protective clothing impervious to this material. Selection of specific items such as gloves, boots, aprons, or full-body suit will depend on operation. If skin comes in contact with contaminated clothing, remove the clothing immediately, wash skin area with soap and water, and launder clothing before reuse.

EYE PROTECTION: Safety glasses should be sufficient for most operations; however, for dusty operations or when handling solutions of the material, wear chemical goggles. Eye wash fountain should be located in immediate work area.

9. PHYSICAL & CHEMICAL PROPERTIES:

MELTING POINT:	Approximately 275° F (135° C)
BOILING POINT:	Not Applicable
VAPOR PRESSURE:	Not Applicable
VAPOR DENSITY:	Not Applicable
SOLUBILITY IN WATER:	67 gm/100 H ₂ O @ 32°F
SPECIFIC GRAVITY:	1.335
APPEARANCE:	White prills or granules
ODOR:	None
EVAPORATION RATE:	Not applicable
FLASH POINT:	Non-Flammable
METHOD USED:	Not applicable
FLAMMABLE LIMITS:	
LFL	Non-Flammable
UFL	Non- Flammable
AUTOIGNITION TEMPERATURE:	Not applicable

10. STABILITY & REACTIVITY:

STABILITY: Stable

CONDITIONS TO AVOID: Extremely high temperatures

INCOMPATIBILITY: Strong oxidizing agents. Prolonged contact may cause oxidation unprotected metals.

HAZARDOUS DECOMPOSITION PRODUCTS: During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH₃, SO_x, PO_x, or CN.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL TOXICITY DATA:

LD50 (rat) is 14,300 mg/kg (ppm); not acutely toxic by oral exposure. (TFI Product Testing Results).

ACUTE AQUATIC TOXICITY:

Fish 96-hour LC50 is greater than 9,100 mg/L (ppm); daphnia 24-hour EC50: greater Than 10,000 mg/L. Non-toxic to aquatic organisms. (TFI Product Testing Results).

CARCINOGEN STATUS: None.

LOCAL EFFECTS: Eye, mucous membrane.

ACUTE TOXICITY LEVEL: Moderately toxic by ingestion.

12. ECOLOGICAL INFORMATION:

ECOTOXICITY: Not available.

PRODUCTS OF BIODEGRADATION:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

TOXICITY OF THE PRODUCTS OF BIODEGRADATION: The products of degradation are not toxic.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHOD: Pick up with a shovel and broom and use as a fertilizer by applying to soil using good agricultural and soil management.

14. TRANSPORT INFORMATION:

U.S. DOT 49 CFR 172.101: Not Regulated

CANADIAN TRANSPORTATION OF DANGEROUS GOODS: Not Regulated

The Transportation of Dangerous Goods Act (**T.D.G.A.**) classification for this product is: Not Regulated

15. REGULATORY INFORMATION:

REGULATION INFORMATION: (Not meant to be all-inclusive--selected regulations represented.)

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): This product and all its components are on the Domestic Substances List (DSL) and acceptable for use under the provisions of CEPA.

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

CERCLA/SUPERFUND, 40 CFR 117,302: This product contains no Reportable Quantity (RQ) Substances. This product is not considered as a priority pollutant as regulated under the Clean Water Act.

TSCA (Toxic Substance Control Act): This product and all its components are listed on the TSCA Inventory.

CALIFORNIA PROPOSITION 65: This product contains no chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and is not subject to control under WHMIS (Canada), or the Hazcom Standard (US).

16. OTHER INFORMATION:

Information contained on these sheets needs to be made available to your workers according to the OSHA Hazard Communication Standard 29CFR 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS).

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