

MATERIAL SAFETY DATA SHEET

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INK READI**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAME: INK READI
PRODUCT CODE: D015340
PRODUCT USE : Ink Anti-Skinning Agent
WHMIS CLASSIFICATION: A, B5, D2B

HMIS CODES: H F R P
1 4 0 X

MANUFACTURER'S NAME: DAY International Chemical Products Div.
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SECTION II - HAZARDOUS INGREDIENTS

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE KPA HG @ TEMP | WEIGHT PERCENT |
|---|------------|---------------------------------|-------------------|
| Isoparaffinic Hydrocarbon | 64742-48-9 | 10.0 38°C | 43 |
| OSHA PEL: 100ppm, ACGIH TLV: 100ppm, Oral LD50 (Rat): N/AV | | | |
| Mineral Oil | 8042-47-5 | 0.07 20°C | 41 |
| OSHA PEL: 5mg/M3 As Mist, ACGIH TLV: 5mg/M3 As Mist, LD50 (Rat): N/AV | | | |
| Quilified Petroleum Gas | 68476-85-7 | 760 68°F | 15 |
| OSHA PEL: 1000 ppm, ACGIH TLV: 1000 ppm | | | |

*** No toxic chemical(s) subject to reporting requirements on the National Pollutant Release Inventory under Section 16 of the Canadian Environmental Act. ***

All ingredients listed on CEPA Domestic Substance List (DSL) and US EPA TSCA inventory. N/E = Not Established, N/AV = Not Available ** This product is considered flammable as described in 16CFR 1500.45.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT/RANGE: Not Applicable
VAPOR DENSITY: Heavier Than Air
EVAPORATION RATE: Slower than n-Butyl Acetate
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Aerosol Can; Misty Spray - Mild Odour
FREEZING POINT: < -20°C
COEFFICIENT OF WATER/OIL DIST: N/E

SPECIFIC GRAVITY (H2O=1): .74
V.O.C. (EPA METHOD 24): 473 g/l
PH: Not Applicable
ODOUR THRESHOLD: > 20 ppm

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: See ** In Section II
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 0.5%
METHOD USED: N/AV
UPPER: 8.8%

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EXTINGUISHING MEDIA:

Foam, CO₂, Dry Chemical

SPECIAL FIREFIGHTING PROCEDURES:

Keep containers cool. Use shielding to protect personnel against bursting, rupturing or venting containers. Water may not be effective to extinguish fire. Use water spray to cool fire exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

At elevated temperatures (above 54°C) containers may vent, rupture or burst.

T.D.G.R. CLASS:

Limited Quantity.

SENSITIVITY TO IMPACT:

This product is not sensitive to impact.

SENSITIVITY TO STATIC DISCHARGE:

This product is not sensitive to static discharge.

SECTION V - REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Avoid excess heat (above 54.4°C).

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon. Additional toxic chemicals may be formed in small amounts.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excessive vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

A single, prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may effect pulmonary, cardiovascular, and central nervous system. Repeated skin contact will dry out and crack skin. Aspiration hazard if swallowed; Aspiration of material into the lungs can cause chemical pneumonitis.

CARCINOGENICITY: NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

This product contains no known carcinogens.

TERATOGENICITY:

This product contains no chemicals known to cause birth defects.

MUTAGENICITY:

This product contains no chemicals known to cause damage to chromosomes.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS:

There is no data available.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation may aggravate pre-existing asthma-like conditions.

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SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush eyes with plenty of water while removing contact lenses. Hold eyelids open and continue flushing with water for 15 minutes. Contact a physician if irritation persists. **SKIN:** Wash with soap and water. **INGESTION:** Contact local poison control center or physician immediately. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is labored.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Eliminate all ignition sources. Soak up material with absorbant. Transfer into a closed container for later disposal. Aerosol propellents are extremely flammable.

WASTE DISPOSAL METHOD:

DO NOT puncture or incinerate. When contents are depleted continue to depress button until all gas is expelled. Dispose of containers in accordance with local, provincial, and national regulations. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep away from sunlight, excess heat, and sources of ignition. Store at temperature below 54°C. Store as a Level 3 Aerosol (NFPA 30B). Avoid skin contact. Avoid breathing vapors.

OTHER PRECAUTIONS:

When transferring or using this product, wear proper personal protective equipment.

SECTION IX - CONTROL MEASURES

RESPIRATORY PROTECTION:

The use of respiratory protection is advised when concentrations exceed the established exposure limits in Section II. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridges (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in Section II, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. WHMIS regulations require employers to evaluate personal protective equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after handling product.

DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in Section 1. Since the use of this product is not under the control of DAY Chemical Products Division, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.

