

I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 0905

PRODUCT NAME: NUMBERS UP FLYING INSECT KILLER

USE: Pesticide/Aerosol

PCP# 25441

SUPPLIER:

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: exempt

CHEMICAL FAMILY: Solvent

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Isobutane	10-30	000075-28-5	LC50 520000 ppm (2 hr)	inh/mou
Pyrethrins	0.1-1	008003-34-7	LD50 1680 mg/kg	oral/rat
Piperonyl butoxide	3-7	000051-03-6	LD50 7500 mg/kg	oral/rat
Ordouless mineral spirits	40-70	064742-47-8	LD50 >5000 mg/kg	oral/rat
Propane	1-5	000074-98-6	not available	

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: not normally required

Eye: safety glasses

Footwear: not normally required

Respiratory: If mists are generated, use NIOSH approved mask

Other: not normally required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT:

In case of prolonged skin contact, the following gloves are recommended:
Neoprene, Nitrile, PVA.

VENTILATION REQUIREMENTS: mechanical exhaust

INCOMPATIBILITY (Material to Avoid): Strong oxidizing agents.

SPILL PROCEDURES: Remove all sources of ignition. Use inert absorbent material and non-sparking tools. Avoid breathing fumes. Ventilate area. Prevent from entering a water course.

WASTE DISPOSAL: Do not puncture or incinerate containers, even when empty. Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool well ventilated area not to exceed 50°C. UN1950

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear, yellow liquid, alcohol odour

S.G. / BULK DENSITY(g/cc): 0.68

pH: not applicable

VAPOUR PRESSURE (mmHg): 40 PSIG @ 20°C

VAPOUR DENSITY (air=1): >1

ODOUR THRESHOLD: not available

BOILING POINT: (conc) 171-205°C(liquid)

FREEZING POINT: not available

PERCENT VOLATILE: 94

SOLUBILITY IN WATER: negligible

EVAPORATION RATE (water=1): <1 (liquid)

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause irritation.

SKIN: May cause irritation.	
INGESTION: May cause headache, nausea, vomiting and weakness.	
INHALATION: Inhalation of spray or mist may cause irritation. Propellant is an asphyxiant.	
LD50 (calculated): Not available	LC50 (calculated): 520000 ppm (2 hour)
OTHER TOXIC EFFECTS: not available	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: not available.	
VI - FIRST AID MEASURES	
EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.	
SKIN: Flush affected area thoroughly with water. If irritation develops, contact a physician.	
INGESTION: Drink large volumes of water. Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.	
INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty.	
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: Yes, ignited by spark and open flame.	
FLASH POINT, °C: >43 TCC	AUTO IGNITION TEMPERATURE, °C: N/A
EXTINGUISHING MEDIA: Water [☐] Dry Chemical [☒] Carbon Dioxide [☒] Foam [☒] Other [☐]	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [☒] Unstable [☐]	
CONDITIONS TO AVOID: storage in hot unventilated areas	
INCOMPATIBILITY (Material to Avoid) : Strong oxidizers	
HAZARDOUS DECOMPOSITION PRODUCTS: None.	
REACTIVITY: not applicable	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, Suppliers MSDS	PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Food Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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