

MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER Spray Nine®		PRODUCT IDENTIFICATION NUMBER (PIN)	
PRODUCT USE Multi-purpose germicidal cleaner			
MANUFACTURER'S NAME Spray Nine Corporation		SUPPLIER'S NAME Alltemp Products Limited	
STREET ADDRESS 251 North Comrie Avenue		STREET ADDRESS 827 Brock Road S.	
CITY Johnstown	PROVINCE NY, USA	CITY Pickering	PROVINCE Ontario, Canada
POSTAL CODE 12095	EMERGENCY TELEPHONE Chemtrec 1-800-424-9300	POSTAL CODE L1W 3J2	EMERGENCY TELEPHONE NO. Canutec 1-613-996-6666

SECTION 2 — HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
Ethoxylated C9-11 alcohols	1-3%	64839-46-3	N/A	N/A
2-Butoxyethanol	1-5%	111-76-2	N/A	N/A

SECTION 3 — PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Mild odor, transparent			ODOUR THRESHOLD (ppm) N/A
VAPOUR PRESSURE (mm Hg) Not Applicable	VAPOUR DENSITY (AIR=1) <1	EVAPORATION RATE <1	BOILING POINT (°C) -100°C	FREEZING POINT (°C) -0°C
pH -12.7	SPECIFIC GRAVITY -1.019 g/ml	COEFF. WATER/OIL DIST. N/A		

SECTION 4 — FIRE AND EXPLOSION DATA

FLAMMABILITY YES		
MEANS OF EXTINCTION Alcohol-type or all-purpose-type foam for large fires. Use carbon dioxide or dry chemical media for small fires.		
FLASHPOINT (°C) AND METHOD 83°C TCC	UPPER FLAMMABLE LIMIT (% BY VOLUME) Not established	LOWER FLAMMABLE LIMIT (% BY VOLUME) Not established
AUTOIGNITION TEMPERATURE (°C) Not available	HAZARDOUS COMBUSTION PRODUCTS Not available	
EXPLOSION DATA No sensitivity known	SENSITIVITY TO IMPACT	SENSITIVITY TO STATIC DISCHARGE No sensitivity known

SECTION 5 — REACTIVITY DATA

CHEMICAL STABILITY YES
INCOMPATIBILITY WITH OTHER SUBSTANCES YES IF SO, Strong oxidizing agents WHICH ONES?
REACTIVITY, AND UNDER WHAT CONDITIONS Not available
HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide, carbon dioxide, nitrogen oxides

PRODUCT

IDENTIFIER **Spray Nine®****SECTION 6 — TOXICOLOGICAL PROPERTIES**

ROUTE OF ENTRY

SKIN CONTACT

EYE CONTACT

INHALATION

INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Eye Contact - Will sting and cause reversible irritation. Draize score of 20 out of a possible 110 (Rabbit, unwashed), clearing within 3 days with no corneal opacity or damage to iris.

Skin Contact - May cause mild to moderate reversible irritation. Based on the overall results of a 14-day primary irritation study in rabbits, product is classified as slightly irritating to the skin (primary dermal irritation index of 1.1). Practically non-toxic by skin absorption. LD50>2,000 mg/kg (Rabbit).

Inhalation - Practically non-toxic. LD50>200 g/L (Rat). Breathing mist may cause irritation.

Ingestion - Practically non-toxic. LD50: 13 cc/kg (Rat).

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

None known based on ingredient safety data, supportivetechnical information and extensive product history.

EXPOSURE LIMITS

Not known

IRRITANCY OF PRODUCT

Not known

SENSITIZATION TO PRODUCT

Not known

CARCINOGENICITY

None known

TERATOGENICITY

Not known

REPRODUCTIVE TOXICITY

Not known

MUTAGENICITY

Not known

SYNERGISTIC PRODUCTS

Not known

SECTION 7 — PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY)

The use of chemical resistant gloves is recommended for prolonged use.

RESPIRATOR (SPECIFY)

Not required under normal conditions of use.

EYE (SPECIFY)

The use of safety glasses is recommended.

FOOTWEAR (SPECIFY)

Not required under normal conditions of use.

CLOTHING (SPECIFY)

Not required under normal conditions of use.

OTHER (SPECIFY)

Not required under normal conditions of use.

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS.)

None Known

LEAK AND SPILL PROCEDURE

Wear suitable protective clothing. Where possible, salvage for use or absorb on suitable material and collect for disposal. Thoroughly rinse area with water. CAUTION: Spill area may be slippery. For large spills, dike area to prevent spreading and contact appropriate environmental agency.

WASTE DISPOSAL

Dispose of in accordance with federal, state and local regulations.

HANDLING PROCEDURES AND EQUIPMENT

Not available

STORAGE REQUIREMENTS

Store in a cool, dry, well ventilated area. Keep out of reach of children.

SPECIAL SHIPPING INFORMATION

Chemical Name	Class	Subclass	Small Means of Containment	Consumer Commodities
This Product is not regulated for transport				

SECTION 8 — FIRST AID MEASURES

SPECIFIC MEASURES

Eye Contact: Flush immediately with water for 15 minutes. If contact lenses are worn, remove immediately as they may contribute to the severity of the irritation. Contact physician.

Skin Contact: Flush with water for 15 minutes. Contact physician if irritation persists.

Inhalation: Remove to fresh air. If symptoms persist, contact physician immediately.

Ingestion: Do not induce vomiting. Drink plenty of water. Contact physician immediately.

SECTION 9 — PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.)
Health and Safety Department

PHONE NUMBER
1-800-263-4624

DATE
04/26/2007

