

# MATERIAL SAFETY DATA SHEET

## SECTION 1 — PRODUCT IDENTIFICATION AND USE

|   |                                     |  |                                |
|---|-------------------------------------|--|--------------------------------|
| PRODUCT IDENTIFIER <b>HVAC</b>                    |                                     | PRODUCT IDENTIFICATION NUMBER (PIN) <b>N/A</b> |                                |
| PRODUCT USE <b>general purpose liquid cleaner</b> |                                     |  |                                |
| MANUFACTURER'S NAME<br>Spray Nine Corporation     |                                     | SUPPLIER'S NAME<br>Alltemp Products            |                                |
| STREET ADDRESS<br>251 North Comrie Avenue         |                                     | STREET ADDRESS<br>827 Brock Road South         |                                |
| CITY<br>Johnstown                                 | PROVINCE<br>NY, USA                 | CITY<br>Pickering                              | PROVINCE<br>Ontario, Canada    |
| POSTAL CODE<br>12095                              | EMERGENCY TELEPHONE<br>518-762-4591 | POSTAL CODE<br>L1W 3J2                         | EMERGENCY TELEPHONE NO.<br>N/A |

## SECTION 2 — HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS        | %    | CAS NUMBER | LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES AND ROUTE) | LC <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES) |
|------------------------------|------|------------|--|--|
| Butoxyethanol                | 1-5% | 111-76-2   | 1519 mg/kg; Rat, Oral<br>435 mg/kg; Rabbit, Dermal         | 700ppm/7hr.; Rat, Inhalation                     |
| Alcohols, C9-11, ethoxylated | 1-5% | 68439-46-3 | N/A  | N/A  |
|                              |      |            |  |  |

## SECTION 3 — PHYSICAL DATA

|                             |   |  |                           |   |
|-----------------------------|---|--|---------------------------|---|
| PHYSICAL STATE<br>Liquid    | ODOUR AND APPEARANCE<br>Mild odour / transparent liquid |  |                           | ODOUR THRESHOLD (ppm)<br>Not Determined |
| VAPOUR PRESSURE (mm Hg) ~18 | VAPOUR DENSITY (AIR=1) >1                               | EVAPORATION RATE >1                      | BOILING POINT (°C) ~100°C | FREEZING POINT (°C) ~0°C                |
| pH 12.9                     | SPECIFIC GRAVITY 1.013                                  | COEFF. WATER/OIL DIST.<br>Not Applicable |                           |   |

## SECTION 4 — FIRE AND EXPLOSION DATA

|  |   |   |  |
|--|---|---|--|
| FLAMMABILITY<br>YES  |   |   |  |
| MEANS OF EXTINCTION<br>All-purpose-type foam, carbon dioxide or dry chemical |   |   |  |
| FLASHPOINT (°C) AND METHOD<br>81°C   | UPPER FLAMMABLE LIMIT (% BY VOLUME)<br>Not Applicable | LOWER FLAMMABLE LIMIT (% BY VOLUME)<br>Not Applicable |  |
| AUTOIGNITION TEMPERATURE (°C)<br>Not Applicable                              | HAZARDOUS COMBUSTION PRODUCTS<br>Not Applicable       |   |  |
| EXPLOSION DATA<br>Not Applicable   | SENSITIVITY TO IMPACT                                 | SENSITIVITY TO STATIC DISCHARGE<br>Not Applicable     |  |

## SECTION 5 — REACTIVITY DATA

|  |  |
|--|--|
| CHEMICAL STABILITY<br>YES                                    |  |
| IF NO, UNDER WHICH CONDITIONS?                               |  |
| INCOMPATIBILITY WITH OTHER SUBSTANCES<br>YES                 |  |
| IF SO, WHICH ONES? <b>Strong Oxidizing Agents</b>            |  |
| REACTIVITY, AND UNDER WHAT CONDITIONS<br><b>Upon contact</b> |  |
| HAZARDOUS DECOMPOSITION PRODUCTS<br>Not Determined           |  |

|   |   |  |   |                                |
|---|---|--|---|--------------------------------|
| PRODUCT IDENTIFIER <b>HVAC</b>  |   |  |   |                                |
| <b>SECTION 6 — TOXICOLOGICAL PROPERTIES</b>   |   |  |   |                                |
| ROUTE OF ENTRY<br>SKIN CONTACT                      EYE CONTACT   |   |  |   |                                |
| EFFECTS OF ACUTE EXPOSURE TO PRODUCT<br>Skin – May cause irritation      Eye Contact – Will cause irritation  |   |  |   |                                |
| EFFECTS OF CHRONIC EXPOSURE TO PRODUCT<br>None, based on ingredient safety data and supportive technical information  |   |  |   |                                |
| EXPOSURE LIMITS<br>Not Determined   | IRRITANCY OF PRODUCT<br>Not Determined  | SENSITIZATION TO PRODUCT<br>Not Determined   | CARCINOGENICITY<br>None, based on ingredient safety data and supportive technical information |                                |
| TERATOGENICITY<br>None, based on ingredient safety data and supportive technical information  | REPRODUCTIVE TOXICITY<br>None, based on ingredient safety data and supportive technical information | MUTAGENICITY<br>None, based on ingredient safety data and supportive technical information | SYNERGISTIC PRODUCTS<br>Not Determined  |                                |
| <b>SECTION 7 — PREVENTIVE MEASURES</b>  |   |  |   |                                |
| PERSONAL PROTECTIVE EQUIPMENT      The use of safety glasses and rubber gloves is recommended   |   |  |   |                                |
| GLOVES (SPECIFY)<br>Rubber  | RESPIRATOR (SPECIFY)<br>Not Required  | EYE (SPECIFY)<br>Safety Glasses  |   |                                |
| FOOTWEAR (SPECIFY)<br>Not Required  | CLOTHING (SPECIFY)<br>Not Required  | OTHER (SPECIFY)<br>Not Applicable  |   |                                |
| ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS.)<br>Use with adequate ventilation   |   |  |   |                                |
| LEAK AND SPILL PROCEDURE<br>Where possible, salvage product and use for cleaning, or use absorbent material to soak up spill. Thoroughly rinse with water. CAUTION: Area may be slippery.   |   |  |   |                                |
| WASTE DISPOSAL<br>Dispose of waste in accordance with applicable environmental regulations.   |   |  |   |                                |
| HANDLING PROCEDURES AND EQUIPMENT<br>Not Applicable   |   |  |   |                                |
| STORAGE REQUIREMENTS<br>Keep container tightly closed when not in use. Avoid freezing or excessive heat.  |   |  |   |                                |
| SPECIAL SHIPPING INFORMATION<br>Not regulated   |   |  |   |                                |
| Chemical Name   | Class   | Subclass   | Small Means of Containment  | Waiver of Consumer Commodities |
| Butoxyethanol   | N/A   | N/A  | N/A   | N/A                            |
| <b>SECTION 8 — FIRST AID MEASURES</b>   |   |  |   |                                |
| SPECIFIC MEASURES<br><br>Skin - Flush with water for 15 minutes. Contact Physician if irritation persists.<br>Eye - Flush immediately with water for 15 minutes. Contact Physician.<br>Inhalation - Remove to fresh air.<br>Ingestion - Drink plenty of water. Contact Physician or Poison Control Center immediately.<br>General Advice – Keep out of reach of Children. |   |  |   |                                |
| <b>SECTION 9 — PREPARATION DATE OF MSDS</b>   |   |  |   |                                |
| PREPARED BY (GROUP, DEPARTMENT, ETC.)<br>Health and Safety Department   | PHONE NUMBER<br>1-800-263-4624  | DATE<br>02/05/15   |   |                                |

