



## I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 2918747

PRODUCT NAME: RESIN SOLVENT 104

USE: Solvent Cleaner

## SUPPLIER:

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

## EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B3 D2B

CHEMICAL FAMILY: Solvent

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: Hydrocarbon

## II - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENT                  | % w/w | CAS #       | LD50 / LC50     | Route / Species |
|---------------------------------------|-------|-------------|-----------------|-----------------|
| Ethoxypropionic acid, ethyl ester     | 15-40 | 000763-69-9 | LD50 5000 mg/kg | oral/rat        |
| Propylene glycol monomethyl ether     | 15-40 | 000107-98-2 | LD50 5660 mg/kg | oral/rat        |
| Propylene glycol methyl ether acetate | 15-40 | 000108-65-6 | LD50 8532 mg/kg | oral/rat        |
| Naptha petroleum                      | 15-40 | 064741-65-7 | LD50 >8000mL/kg | oral/rat        |

## III - HANDLING AND DISPOSAL PROCEDURES

## PERSONAL PROTECTIVE EQUIPMENT:

Gloves: impermeable gloves

Eye: safety glasses

Footwear: not required

Respiratory: If mists are generated, use NIOSH approved mask

Other: not required

## SPECIAL HANDLING PROCEDURES AND EQUIPMENT:

Avoid eye and skin contact. Do not breathe mist, spray or vapours. Do not expose to heat, spark or open flame. Face mask with NIOSH approved cartridges for organic vapours.

VENTILATION REQUIREMENTS: mechanical exhaust

INCOMPATIBILITY (Material to Avoid): Strong oxidizers, chlorinated cleaners, bleaches

SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Ensure adequate ventilation. Mop up or soak up with absorbent clay for disposal.

WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. UN1993 when over 454L

## IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear colourless liquid; slightly sweet odour

S.G. / BULK DENSITY(g/cc): 0.91

pH: not applicable

VAPOUR PRESSURE (mmHg): &gt;28

VAPOUR DENSITY (air=1): &lt;1

ODOUR THRESHOLD: not available

BOILING POINT: 121°C

FREEZING POINT: not available

PERCENT VOLATILE: 98%

SOLUBILITY IN WATER: &lt;20%

EVAPORATION RATE (water=1): &gt;1

## V - TOXICOLOGICAL PROPERTIES

## EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause severe irritation.

SKIN: May cause defating, drying and cracking of skin.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>INGESTION:</b> Harmful or fatal if swallowed. May cause irritation of digestive tract. May cause headache, nausea, dizziness, vomiting and diarrhea.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                          |
| <b>INHALATION:</b> May cause headache, drowsiness and dizziness. Aspiration into the lungs may cause chemical pneumonitis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                          |
| <b>LD50 (calculated):</b> 7343 mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>LC50 (calculated):</b> not available                                                                                  |
| <b>OTHER TOXIC EFFECTS:</b> None known                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                          |
| <b>EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:</b> None known                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                          |
| <b>VI - FIRST AID MEASURES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                          |
| <b>EYES:</b> Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                          |
| <b>SKIN:</b> Wash with soap. Flush affected area thoroughly with water. If irritation develops, contact a physician.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                          |
| <b>INGESTION:</b> Do not induce vomiting. Contact a physician immediately.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                          |
| <b>INHALATION:</b> Remove patient to fresh air.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                          |
| <b>VII - FIRE AND EXPLOSION DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                          |
| <b>FLAMMABLE:</b> Yes, combustible if heated.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                          |
| <b>FLASH POINT, °C:</b> 40°C (TCC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>AUTO IGNITION TEMPERATURE, °C:</b>                                                                                    |
| <b>EXTINGUISHING MEDIA:</b> Water [ ] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other [ ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                          |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Wear self-contained breathing apparatus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                          |
| <b>HAZARDOUS COMBUSTION PRODUCTS:</b> Oxides of carbon.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                          |
| <b>EXPLOSIVE SENSITIVITY TO:</b> not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                          |
| <b>VIII - REACTIVITY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                          |
| <b>STABILITY:</b> Stable [X] Unstable [ ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                          |
| <b>CONDITIONS TO AVOID:</b> high temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                          |
| <b>INCOMPATIBILITY (Material to Avoid) :</b> Strong oxidizers, strong acids, chlorinated cleaners, bleaches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                          |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Heat released on contact with oxidizing materials and strong acids.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                          |
| <b>REACTIVITY:</b> not dangerously reactive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                          |
| <b>IX - MSDS PREPARATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                          |
| <b>SOURCES USED:</b> RTECS, ChemInfo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>PREPARED BY:</b> JohnsonDiversey Canada. Inc.<br>Regulatory Department<br>Industrial Division<br>Phone (905) 829-1200 |
| <b>PREPARATION DATE:</b> April 15, 2003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                          |
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