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# MATERIAL SAFETY DATA SHEET

## SUPERSOLVE PARTS CLEANER

### SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION  
HMIS:

CHEMICAL FORMULA  
MOLECULAR WEIGHT  
MATERIAL USE

WHMIS CLASS A, B5, D-2B  
HEALTH 2, FLAMMABILITY 4, REACTIVITY 0,  
PERSONAL PROTECTION B  
MIXTURE  
NOT APPLICABLE  
CLEANER

### SECTION 2 HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENT  
APPROX. CONCENTRATION %  
CAS  
EXPOSURE LIMITS  
LD50/LC50/SPECIES/ROUTE

D-LIMONENE  
1-20  
5989-27-5  
NOT AVAILABLE  
ORAL (LD50) MG/KG: ACUTE: 4400 (RAT)

HAZARDOUS INGREDIENT  
APPROX. CONCENTRATION %  
CAS  
EXPOSURE LIMITS  
LD50/LC50/SPECIES/ROUTE

POLYOXYALKYLENE  
1-20  
NOT KNOWN  
NOT AVAILABLE  
NOT AVAILABLE

HAZARDOUS INGREDIENT  
APPROX. CONCENTRATION %  
CAS  
EXPOSURE LIMITS  
LD50/LC50/SPECIES/ROUTE

BUTANE  
1-20  
106-97-8  
800 PPM  
NOT AVAILABLE

HAZARDOUS INGREDIENT  
APPROX. CONCENTRATION %  
CAS  
EXPOSURE LIMITS  
LD50/LC50/SPECIES/ROUTE

PROPANE  
10-50  
74-98-6  
TWA: 1000 PPM  
NOT AVAILABLE

### SECTION 3 PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE  
ODOUR AND APPEARANCE  
ODOUR THRESHOLD (PPM)  
SPECIFIC GRAVITY  
VAPOUR PRESSURE (MM)  
VAPOUR DENSITY (AIR =1)

AEROSOL  
CITRUS ODOUR, CLEAR LIQUID  
NOT AVAILABLE  
0.78  
NOT AVAILABLE  
HEAVIER THAN AIR

EVAPORATION RATE	SLOWER THAN ETHER
BOILING POINT (°C)	-40°C (-40°F)
SOLUBILITY IN WATER (20°C)	EMUSIFIABLE
% VOLATILE (BY VOL.)	NOT AVAILABLE
PH	NOT APPLICABLE

#### SECTION 4 FIRE AND EXPLOSION DATA

FLAMMABILITY	FLAMMABLE
MEANS OF EXTINCTION	WATER FOG, CARBON DIOXIDE, DRY CHEMICAL.
SPECIAL PROCEDURES	WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN THE POSITIVE PRESSURE MODE. USE WATER SPRAY TO KEEP CONTAINERS COOL.
FLASHPOINT (°C) AND METHOD	115°F
UPPER EXPLOSION LIMIT (% BY VOL.)	9.5
LOWER EXPLOSION LIMIT (% BY VOL.)	0.7
HAZARDOUS COMBUSTION PRODUCTS	CARBON DIOXIDE, CARBON MONOXIDE

#### SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBILITY? TO WHAT?	NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS	CARBON DIOXIDE, CARBON MONOXIDE

#### SECTION 6 TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT Y/N	Y
ROUTE OF ENTRY EYE CONTACT Y/N	Y
ROUTE OF ENTRY INHALATION Y/N	Y
ROUTE OF ENTRY INGESTION Y/N	Y
EFFECTS OF ACUTE EXPOSURE	SKIN IRRITANT, WILL CAUSE DEFATTING OF THE SKIN. EYE IRRITANT, WILL CAUSE REDNESS AND BURNING SENSATION. EFFECTS OF INHALATION OVEREXPOSURE INCLUDE IRRITATION OF RESPIRATORY TRACT, HEADACHE, DIZZINESS, NAUSEA AND LOSS OF COORDINATION. ASPIRATION HAZARD IF SWALLOWED.
EFFECTS OF CHRONIC EXPOSURE	NONE KNOWN
SYNERGISTIC MATERIALS	NOT AVAILABLE
CARCINOGENICITY Y/N	N
REPRODUCTIVE EFFECTS Y/N	N
TERATOGENICITY Y/N	N
MUTAGENICITY Y/N	N

#### SECTION 7 PREVENTIVE MEASURES

GLOVES	RUBBER
EYEWEAR	SAFETY GLASSES OR GOGGLES
FOOTWEAR	NORMAL FOOTWEAR
CLOTHING	WEAR IMPERVIOUS PROTECTIVE CLOTHING.
ENGINEERING CONTROLS	GOOD VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.
LEAK AND SPILL PROCEDURE	SPILLS CAN BE HANDLED ROUTINELY. MAY BE ABSORBED WITH DIATOMACEOUS EARTH OR CLAY. COLLECT FOR RECOVERY OR DISPOSAL.
WASTE DISPOSAL	CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.
STORAGE REQUIREMENTS	KEEP IN A COOL WELL-VENTILATED PLACE. KEEP AWAY FROM HEAT, SPARKS AND FLAME. DO NOT PUNCTURE, INCINERATE, STORE THE CONTAINER AT TEMPERATURES ABOVE 490C (1200F) OR IN DIRECT SUNLIGHT.

**SECTION 8 FIRST AID MEASURES**

SKIN	THOROUGHLY WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
EYE	IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 20 MINUTES, KEEPING EYELIDS OPEN. SEEK MEDICAL ATTENTION.
INHALATION	REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.
INGESTION	DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

*VALIDATED BY YORK*

*CHEMICAL*

*TECHNOLOGIES INC ON*

*30/04/07.*

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