

DONVIEW MANUFACTURING
3200 14TH AVE., SUITE 3 MARKHAM, ONTARIO L3R 0H8

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE NO: (905) 470-7925

PRODUCT NAME: DIAMOND SHINE

DATE: JAN.24,2012

PRODUCT USE: TIRE DRESSING

CHEMICAL IDENTITY: GLYCEROL

WHMIS CLASSIFICATION: N/A

TDG CLASSIFICATION: N/A

HAZARDOUS INGREDIENTS:

CHEMICAL IDENTITY	APPROX % CONCENTRA- -TION	CAS. #	EXPOSURE LIMITS	LD50/LC50 SPECIES/ROUT E
GLYCEROL (1,2,3-PROPANETRIOL)	10-25%	56-81-5	N/A	LC50 -150/570 MG/M3

PHYSICAL DATA:

PHYSICAL STATE: GREEN LIQUID

ODOUR AND APPEARANCE: GREEN APPLE

ODOUR THRESHOLD: N/A

SPECIFIC GRAVITY: 1.264

VAPOUR DENSITY (AIR=1): 3.17

BOILING POINT: 290 DEGREES C

FREEZING POINT: 18 DEGREES C

PH: 6.5-7

WATER SOLUBILITY: COMPLETE

FIRE OR EXPLOSION HAZARD:

CONDITIONS OF FLAMMABILITY: NOT FLAMMABLE

**MEANS OF EXTINCTION: FOAM, DRY CHEMICAL, WATER FOG, WATER SPRAY
ONLY TO COOL, WATER JET SPREADS FLAMES; FIREFIGHTERS MUST WEAR SCBA**

UPPER FLAMMABLE LIMIT: NOT KNOWN

LOWER FLAMMABLE LIMIT: NOT KNOWN
MSDS OF DIAMOND SHINE CONTINUED: PAGE 2

AUTO IGNITION TEMPERATURE: N/A
FLASH POINT AND METHOD: N/A
HAZARDOUS COMBUSTION PRODUCTS: N/A
EXPLOSION DATA: N/A

REACTIVITY DATA:

CHEMICAL STABILITY: N/A
INCOMPATIBLE SUBSTANCES: NONE
CONDITIONS OF REACTIVITY: NONE
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

TOXICOLOGICAL PROPERTIES:

EFFECTS OF ACUTE EXPOSURE:

ROUTE OF ENTRY:

SKIN CONTACT: ESSENTIALLY NO EFFECT
SKIN ABSORPTION: YES, SLOWLY; NO TOXIC EFFECTS
ANTICIPATED BY THIS ROUTE
EYE CONTACT: MILDLY IRRITATING
INHALATION: PRODUCT MIST MAY IRRITATE
INGESTION: LITTLE OR NO EFFECT

EFFECTS OF CHRONIC EXPOSURE: LITTLE TO NO EFFECT (THERE ARE REPORTS
OF MILD IRRITATION FOLLOWING PROLONGED EXPOSURE)

SENSITIZATION TO PRODUCT: NO

**CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY,
MUTAGENICITY:** NO EFFECTS DOCUMENTED IN HUMANS

ESTIMATED LD50: 4090 MG/KG (ORAL, MOUSE), 7750 MG/KG (ORAL, GUINEA PIG),
12,600 MG/KG (ORAL, RAT), 27000 MG/KG (ORAL, RABBIT); 10000 MG/KG (SKIN,
RABBIT) NOTE: THE ORAL LD50 VARIES NEARLY SEVEN-FOLD BETWEEN
SPECIES.

ESTIMATED LC50: 150 PPM [=570 MG/M3] (INHALATION, RAT)

PREVENTIVE MEASURES:

PERSONAL PROTECTIVE EQUIPMENT:

HANDS: NOT REQUIRED - NEOPRENE OR NITRILE GLOVES MAY BE WORN
EYES: SAFETY GLASSES WITH SIDE SHIELDS OR CHEMICAL GOGGLES
RESPIRATOR: NOT REQUIRED IF VENTILATION IS ADEQUATE, OR USE
ORGANIC VAPOUR CARTRIDGE

SPECIFIC ENGINEERING CONTROLS: NONE