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MATERIAL SAFETY DATA SHEET

SATIN FINISH

SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION
HMIS

WHMIS CLASS D-2A
HEALTH 1, FLAMMABILITY 1, REACTIVITY 1,
PERSONAL PROTECTION B
MIXTURE
NOT APPLICABLE
CLEANER/PROTECTOR

CHEMICAL FORMULA
MOLECULAR WEIGHT
MATERIAL USE

SECTION 2 HAZARDOUS INGREDIENTS OF MATERIAL

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

HYDROTREATED BASE OILS
10-20
NOT AVAILABLE
5 MG/M³ (OIL MIST)
ORAL (LD50): ACUTE: >5000 MG/KG (RAT)

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

POLYOXYETHYLENE SORBITAN TRIOLEATE
1-5
9005-70-3
TWA: 50 CEIL: 150 (PPM) TWA: 240 CEIL 720 (MG/M³)
ORAL (LD50): ACUTE: 36400 MG/KG (RAT)

SECTION 3 PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE
ODOUR AND APPEARANCE
ODOUR THRESHOLD (PPM)
SPECIFIC GRAVITY
VAPOUR PRESSURE (MM)
VAPOUR DENSITY (AIR =1)
EVAPORATION RATE
BOILING POINT (°C)
SOLUBILITY IN WATER (20°C)
% VOLATILE (BY VOL.)
PH

LIQUID
MILD ODOUR, WHITE LIQUID
NOT AVAILABLE
0.96 (WATER =1)
NOT AVAILABLE
NOT AVAILABLE
SIMILAR TO WATER
100°C
EMULSIFIABLE
NOT AVAILABLE
NEUTRAL

SECTION 4 FIRE AND EXPLOSION DATA

FLAMMABILITY
MEANS OF EXTINCTION

NON-FLAMMABLE
LIQUID EMULSIFIABLE IN WATER. SMALL FIRE: USE
DRY CHEMICALS, CO₂, ALCOHOL FOAM OR WATER
SPRAY. LARGE FIRE: USE WATER SPRAY OR FOG.

SPECIAL PROCEDURES
FLASHPOINT (°C) AND METHOD
UPPER EXPLOSION LIMIT (% BY VOL.)

NOT AVAILABLE
NOT APPLICABLE
NOT APPLICABLE

LOWER EXPLOSION LIMIT (% BY VOL.)
HAZARDOUS COMBUSTION PRODUCTS
EXPLOSION SENSITIVITY TO CHEM. IMPACT

NOT APPLICABLE
THESE PRODUCTS ARE CARBON OXIDES (CO, CO₂)
NOT AVAILABLE

SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY
INCOMPATIBILITY? TO WHAT?

STABLE
REACTIVE WITH OXIDIZING AGENTS, ACIDS. SLIGHTLY
REACTIVE TO REACTIVE WITH REDUCING AGENTS,
ORGANIC MATERIALS, AND ALKALIS.

HAZARDOUS DECOMPOSITION PRODUCTS

NOT AVAILABLE

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

HAZARDOUS IN CASE OF SKIN CONTACT (IRRITANT,
SENSITIZER, PERMEATOR), OF EYE CONTACT
(IRRITANT), OF INHALATION, OF INGESTION. SEVERE
OVER-EXPOSURE CAN RESULT IN DEATH.
INFLAMMATION OF THE EYE IS CHARACTERIZED BY
REDNESS, WATERING AND ITCHING. SKIN
INFLAMMATION IS CHARACTERIZED BY ITCHING,
SCALING, REDDENING OR OCCASIONALLY BLISTERING.
PROLONGED OR REPEATED EXPOSURE CAN CAUSE
DRYING, DEFATTING AND DERMATITIS.

EFFECTS OF CHRONIC EXPOSURE

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

IMPERVIOUS GLOVES

EYEWEAR

SAFETY GLASSES

FOOTWEAR

AS REQUIRED BY EMPLOYER CODE

CLOTHING

AS REQUIRED BY EMPLOYER CODE

ENGINEERING CONTROLS

GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT
TO CONTROL AIRBORNE LEVELS.

LEAK AND SPILL PROCEDURE

ABSORB WITH AN INERT MATERIAL AND DISPOSE IN AN
APPROPRIATE WASTE CONTAINER.

WASTE DISPOSAL

CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.

STORAGE REQUIREMENTS

STORE IN ORIGINAL CONTAINER AND PROTECT FROM
FREEZING.

SECTION 8 FIRST AID MEASURES

SKIN

WASH AFFECTED AREAS THOROUGHLY WITH SOAP
AND WATER. WASH CONTAMINATED CLOTHING
BEFORE REUSING.

EYE	CHECK FOR AND REMOVE ANY CONTACT LENSES. IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES, KEEPING EYELIDS OPEN. SEEK MEDICAL ATTENTION.
INHALATION	ALLOW VICTIM TO REST IN A WELL-VENTILATED AREA.
INGESTION	DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

*VALIDATED BY YORK CHEMICAL TECHNOLOGIES INC
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