

DONVIEW MANUFACTURING

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

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE NO: (905) 470-7925

PRODUCT NAME: CHRYSTAL SHINE CAR WASH

FEBUARY 22,2015

PRODUCT USE: VEHICLE WASHING

CHEMICAL IDENTITY: LINEAR ALKYL BENZENE SULFONIC ACID

WHMIS CLASSIFICATION: N/A

TDG CLASSIFICATION: NOT DANGEROUS GOODS

HAZARDOUS INGREDIENTS:

CHEMICAL IDENTITY	APPROX % CONCENTRA-TION	CAS. #
LINEAR ALKYYL BENZENE SULFONIC ACID	5-15%	2717687096

PHYSICAL DATA:

PHYSICAL STATE: VISCOUS LOTION

ODOUR AND APPEARANCE: MILD ODOUR, PURPLE COLOR

ODOUR THRESHOLD: N/A

SPECIFIC GRAVITY (H2O EQUALS 1): 1.04

VAPOUR DENSITY: SAME AS WATER

BOILING POINT: MORE THAN 98 DEGREES C

FREEZING POINT: 3 DEGREES C

PH: 7 - 8.5

DENSITY (G/ML): SAME AS WATER

WATER SOLUBILITY: SOLUBLE

FIRE OR EXPLOSION HAZARD:

CONDITIONS OF FLAMMABILITY: NONE

MEANS OF EXTINCTION: NOT FLAMMABLE

UPPER FLAMMABLE LIMIT: N/A

MSDS OF CHRYSTAL SHINE CAR WASH CONTINUED: PAGE 2

LOWER FLAMMABLE LIMIT: N/A

AUTO IGNITION TEMPERATURE: N/A

FLASH POINT AND METHOD: GREATER THAN 93.3 DEGREES C. PENSKEY MARTEN CLOSED CUP.

HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE

EXPLOSION DATA: NO SENSITIVITY TO MECHANICAL IMPACT OR STATIC DISCHARGE

REACTIVITY DATA:

LAURYL ALCOHOL AND SULPHURIC ACID ON HEATING OR PROLONGED CONTACT. HAZARDOUS

TOXICOLOGICAL PROPERTIES:

ROUTES OF ENTRY: EYES, INGESTION

EFFECTS OF ACUTE EXPOSURE: IRRITANT TO RABBITS EYES 2 MG, 250 MG DRAIZE TESTS PP 211

EFFECTS OF CHRONIC EXPOSURE: INCLUSION OF .25 TO 1.0% SLS IN RAT DIETS FOR ONE YEAR C

EXPOSURE LIMITS OF PRODUCT: NOT AVAILABLE

IRRITANCY OF PRODUCT: MILD EYE IRRITANT

SENSITIZATION TO PRODUCT: NOT A SKIN SENSITIZER

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: THIS PRODUCT

LD50 OG PRODUCT: NOT AVAILABLE. SEE HAZARDOUS INGREDIENTS SECTION.

PREVENTIVE MEASURES:

PERSONAL PROTECTIVE EQUIPMENT: N/A

SPECIFIC ENGINEERING CONTROLS: N/A

LEAK AND SPILL PROCEDURE: CONTAIN SPILL OR LEAK. MOP UP INTO CONTAINERS, WASH DOWN

WASTE DISPOSAL: SEND TO AUTHORIZED WASTE DISPOSAL AGENCY FOR DISPOSAL ACCORDING

HANDLING PROCEDURES & EQUIPMENT: USE DRUM HANDLING EQUIPMENT AND SPIGOT.

STORAGE REQUIREMENTS: STORE AT ROOM TEMPERATURE: 20-30 DEGREES C

MSDS OF CHRYSTAL SHINE CAR WASH CONTINUED: PAGE 3

SPECIAL SHIPPING INFORMATION: MAINTAIN PRODUCT TEMPERATURE ABOVE 10 DEGREES C

FIRST AID MEASURES:

SKIN CONTACT: N/A

EYE CONTACT: FLUSH IMMEDIATELY WITH COPIOUS WATER FOR 15 MINUTES

INGESTION: DRINK ONE GLASS OF WATER IMMEDIATELY. DO NOT INDUCE VOMITING.

CALL REGIONAL POISON CONTROL CENTER AT ONCE OR SEE LOCAL HOSPITAL EMERGENCY AT C

PREPARATION INFORMATION:

PREPARED BY TERRENCE R. HANNA: DONVIEW, IOWA FEBUARY 22, 2015

SIGNATURE:

SOURCES USED: -REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

-HUMAN SAFETY AND ENVIRONMENTAL ASPECTS OF MAJOR

SURFACTANTS