

MATERIAL SAFETY DATA SHEET

SLIDE PRODUCTS, INC.
430 S. WHEELING ROAD
WHEELING, IL 60090

PRODUCT NAME: SLIDE ACID VAPOR NEUTRALIZER

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SECTION I. IDENTIFICATION

CHEMICAL NAME: CA ALKYL BENZENE SULFONATE SOLUTION
CHEMICAL FAMILY: PETROLEUM SULFONATE
FORMULA: 55033
SYNONYMS: ACID VAPOR
DOT HAZARD CLASSIFICATION: ORM-D
DOT SHIPPING NAME: CONSUMER COMMODITY
CHEMICAL ABSTRACT REGISTRY NUMBER: N/A, MIXTURE
IDENTIFICATION NUMBER: NONE
H.M.I.S. RATING: 1,4,0,B

SECTION II. PHYSICAL DATA

BOILING POINT: 159 DEGREES F.
FREEZING POINT: F.
SPECIFIC GRAVITY (H2O =1): .792
VAPOR PRESSURE OF CONCENTRATE @ 70 F. (MM HG): 137
VAPOR DENSITY (AIR = 1): HEAVIER THAN AIR
SOLUBILITY IN WATER, % BY WT.: NONE
PERCENT VOLATILE BY WEIGHT: 75
EVAPORATION RATE (MINUTES): FASTER THAN ETHER
APPEARANCE AND ODOR: CLEAR LIQUID IN AEROSOL

SECTION III. HAZARDOUS INGREDIENTS

MATERIAL:	APPROX.WT. %:	CAS NUMBER:	PEL(OSHA)
CA-ALKYL SULFONATE,OVERBASED	20-30	70024-71-4*	N/A
HEXANE	55-65	00110-54-3	50 PPM
PROPANE	15-20	00074-98-6	1000PPM
N-BUTANE	8-14	00106-97-8	800PPM

CONTAINS NO OZONE DEPLETING CHEMICALS

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA DIRECTORY

**)SEE SECTIONS X AND XI FOR DETAILED CAUTIONS

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS IN AIR: LEL: 1.2 % UEL: 7.5% (VOLUME %)

FLASH POINT: N/A

AEROSOL FLAME PROJECTION TEST: >18" AT 70'F.

EXTINGUISHING MEDIA: CO2, FOAM, DRY CHEMICAL, WATER FOG

SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOLS MAY RUPTURE VIOLENTLY WHEN HEATED TO TEMPERATURES OVER 120' F. VERY FLAMMABLE. VAPORS MAY BECOME EXPLOSIVE WITH ACCUMULATION.

SECTION V. REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN

HAZARDOUS COMBUSTION BY-PRODUCTS: CO, CO2

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: DO NOT PUNCTURE OR INCINERATE

STORE BELOW 120' F.

SECTION VI. HEALTH AND HAZARD DATA

THRESHOLD LIMIT VALUE: 100 PPM

INGESTION (SWALLOWING): IRRITATING TO MOUTH THROAT AND STOMACH.

INHALATION: HEADACHES, NAUSEA, DIZZINESS, DECREASED BLOOD PRESSURE

SKIN CONTACT: DEFATTING AND DRYING OF SKIN. ALLERGIC REACTIONS ARE POSSIBLE

EYE CONTACT: IRRITATION, TEARING, REDDENING, OR SWELLING.

EMERGENCY AND FIRST AID PROCEDURES

SKIN: WASH WITH SOAP AND WATER. CALL PHYSICIAN IF IRRITATION PERSISTS

INHALATION: REMOVE TO FRESH-AIR LOCATION. PROVIDE OXYGEN IF NEEDED.

EYES: FLUSH WITH COOL CLEAN WATER. CALL PHYSICIAN IF IRRITATION PERSISTS.

INGESTION: DO NOT INDUCE VOMITING !! GIVE A GLASS OF WATER OR MILK. CALL PHYSICIAN.

SECTION VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: REMOVE LEAKING CONTAINER TO OUTSIDE DISPOSAL SITE.

WASTE DISPOSAL METHOD: EMPTY FULLY, INCLUDING GAS PRESSURE. DO NOT PUNCTURE OR INCINERATE. CAN MAY BE RECYCLED OR ALTERNATIVELY REMOVED TO A SANITARY LANDFILL IN MOST LOCALITIES. CHECK APPLICABLE REGULATIONS.

SECTION VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): NOT NEEDED WITH ADEQUATE VENTILATION

VENTILATION: ADEQUATE VENTILATION NEEDED

PROTECTIVE GLOVES: NOT REQUIRED BUT RECOMMENDED

EYE PROTECTION: SAFETY GLASSED SHOULD ALWAYS BE WORN IN AN INDUSTRIAL OPERATION.

OTHER PROTECTIVE EQUIPMENT: NOT NORMALLY REQUIRED.

SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE INDOORS, AWAY FROM HEAT OR DIRECT SUNLIGHT ABOVE 120° F. KEEP AWAY FROM IGNITION SOURCES.

OTHER PRECAUTIONS: DO NOT DROP. DO NOT SPRAY NEAR OPEN FLAMES. DO NOT PUNCTURE OR INCINERATE EMPTY OR FULL CONTAINERS.

SECTION X.

NO CHEMICALS IN THIS PRODUCT ARE CURRENTLY LISTED AS CARCINOGENS.

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCTS SPECIFICATION. NO WARRANTY, EXPRESS OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE, AND DETERMINE WHETHER THEY ARE APPROPRIATE. THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BELIEVED TO BE CORRECT AS OF THIS DATE. THE REGULATIONS PROMULGATED BY OSHA FOR HAZARD COMMUNICATION, 29 CFR 1910.1200, AS WELL AS SEVERAL STATE AND LOCAL LAWS AND REGULATIONS, HAVE BEEN CONSULTED IN PREPARING THIS M.S.D.S.

<http://www.slideproducts.com/rust.htm>