

MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: SLIDE UNIVERSAL CYLINDER 42635N

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PRODUCT NUMBER: 42635N  
D.U.N.S. NUMBER: 00-299-4168

**SECTION I. IDENTIFICATION**

CHEMICAL NAME: PHOSPHATIZED MONO AND DYGLYCERIDES SOLUTION  
CHEMICAL FAMILY: VEGETABLE OIL DERIVATIVE  
FORMULA: 53134  
SYNONYMS: SLIDE UNIVERSAL  
DOT HAZARD CLASSIFICATION: 2.1  
DOT SHIPPING NAME: COMPRESSED GAS NOS (TETRAFLUOROETHANE, DIMETHYL ETHER)  
CHEMICAL ABSTRACT REGISTRY NUMBER: N/A, MIXTURE  
IDENTIFICATION NUMBER: UN# 1954  
REQUIRED SHIPPING LABELS: FLAMMABLE GAS  
PACKING GROUP: NONE  
H.M.I.S. RATING: 1,1,0,B

**SECTION II. PHYSICAL DATA**

DATA IN SECTION II APPLY TO CONCENTRATE BEFORE ADDING PROPELLANT  
BOILING POINT: N/A  
FREEZING POINT: <-50° F.  
SPECIFIC GRAVITY (H2O =1): 1.0  
WEIGHT PER GALLON @ 60 F.: 8.37  
VAPOR PRESSURE @ 70 F. (MM HG): N/A  
VAPOR DENSITY (AIR = 1): >1  
SOLUBILITY IN WATER, % BY WT.: PARTIALLY SOLUBLE  
PERCENT VOLATILE BY WEIGHT: 95  
EVAPORATION RATE (MINUTES):  
APPEARANCE AND ODOR: CLEAR, COLORLESS LIQUID, SLIGHT ETHEREAL ODOR

**SECTION III. HAZARDOUS INGREDIENTS**

MATERIAL:	APPROX. WEIGHT % :	CAS NUMBER:	PEL(OSHA)
SODIUM GLYCERYL OLEATE PHOSPHATE	1-8	N/A	N/A
DIMETHYL ETHER	47.5	115-10-6	1000 PPM
1,1,1,2-TETRAFLUORETHANE	47.5	811-97-2	1000 PPM

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA DIRECTORY  
\*\*CONTAINS NO OZONE DEPLETING CHEMICALS\*\*

**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

FLAMMABLE LIMITS IN AIR: LEL: UEL: (VOLUME %)  
FLASH POINT: N/A  
AEROSOL FLAME PROJECTION TEST: 18" FLAME PROJECTION AS DETERMINED BY THE AEROSOL FLAME PROJECTION TEST.  
EXTINGUISHING MEDIA: DRY CHEMICAL, CO2, FOAM  
SPECIAL FIRE FIGHTING PROCEDURES: SELF CONTAINED BREATHING APPARATUS  
UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOLS MAY RUPTURE VIOLENTLY AT TEMPERATURES ABOVE 120 DEGREES F.

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**SECTION V. REACTIVITY DATA**

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STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): POWDERED OR ALKALINE EARTH METALS

HAZARDOUS COMBUSTION BY-PRODUCTS: HF AND OTHER FLUORINE COMPOUNDS

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: OPEN FLAMES AND HIGH TEMPERATURES

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**SECTION VI. HEALTH HAZARD DATA**

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THRESHOLD LIMIT VALUE: 1,000 PPM

**\*EFFECTS OF OVEREXPOSURE \***

INGESTION (SWALLOWING): N/A

INHALATION: EXCESSIVE INHALATION CAN PRODUCE DIZZINESS, NAUSEA, AND HEADACHE

SKIN CONTACT: CONCENTRATED SPRAY MAY CAUSE FREEZING OF SKIN AREA

EYE CONTACT: TEMPORARY IRRITATION

**• EMERGENCY AND FIRST AID PROCEDURES \***

SKIN: WASH WITH SOAP AND WATER

INHALATION: REMOVE TO FRESH AIR LOCATION

EYES: FLUSH WITH PLENTY OF WATER, CALL PHYSICIAN IMMEDIATELY.

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**SECTION VII. SPILL OR LEAK PROCEDURES**

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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.

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**SECTION VIII. SPECIAL PROTECTION INFORMATION**

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

VENTILATION: ADEQUATE VENTILATION NEEDED

PROTECTIVE GLOVES: RECOMMENDED BUT NOT REQUIRED

EYE PROTECTION: PROPER EYE CARE SHOULD BE PRACTICED IN ALL INDUSTRIAL OPERATIONS.

OTHER PROTECTIVE EQUIPMENT: AS YOUR COMPANY REQUIRES.

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**SECTION IX. SPECIAL PRECAUTIONS**

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE INDOORS AWAY FROM DIRECT SUNLIGHT, BELOW 120°F. DO NOT DROP, PUNCTURE, OR INCINERATE. OTHER PRECAUTIONS: DO NOT SPRAY DIRECTLY INTO FLAME. DO NOT SMOKE WHILE USING PRODUCT. DO NOT SPRAY ON FLOORS. CONTAINS 142b, A SUBSTANCE WHICH CAN HARM PUBLIC HEALTH AND THE ENVIRONMENT BY DESTROYING OZONE IN THE UPPER ATMOSPHERE. DESTRUCTION OF THE OZONE LAYER CAN LEAD TO INCREASED ULTRAVIOLET RADIATION WHICH, WITH EXCESSIVE EXPOSURE TO SUNLIGHT, CAN CAUSE AN INCREASE IN SKIN CANCER AND EYE CATARACTS.

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**SECTION X. CARCINOGENIC HAZARD**

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NO COMPONENT IN THIS PRODUCT HAS BEEN LISTED AS A CARCINOGEN BY IARC, N.T.P., OSHA, OR ACGIH.

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT 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 CONSULTED IN PREPARING THIS M.S.D.S.

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