##101620 (RSE430)

ROSE MINERAL SPIRITS

May 31, 1989 (rev.)

MATERIAL SAFETY DATA SHEET

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This document is prepared pursuant to the OSHA Communication Standard (29 CFR 1910.1290. In addition, other substances not "bazardous" per this standard may be listed. Where a proprietary ingredient is indicated, the identity may be made available as provided in this standard.

첀츱껿쒖뒘뢥œ윰늗픠놑뀰묨눖쮼늗컽녞쓁훶造Œ뚔뎐곮而릁즱졲쿅쿅쟄휈턞봷셶퉲땉믁깯틎뱢쵉톋븆ښ뭅뮵컐쪞찞뾮쫜뫢뢖쏡잾륛솕깺按윃둮æxí늗뙆녿뾍잗ច첉솪찞둮땨

SECTION I

PRODUCT IDENTIFICATION/GENERAL INFORMATION

Medical or Transportation Emergency Phone Number: (614) 443-4749 Telephone Number for Information: See below.

Product Identity: ROSE MINERAL SPIRITS

Manufactured by: Rose Products & Services, Inc. 545 Stimmel Road Columbus, Ohio 49888-2901 (614) 443~7647 FAX (614) 448-8771

Distributed by: Rose Products & Services, Inc. 545 Stimmel Road Columbus, Onio 43882-2901 (614) 443-7547 皆ら2 (614) 443-8771

DOT Proper Shipping Name: Combustible Liquid, NDS.

DOT Mazard Class: Combustible. DOT Labels Required: Mone.

DOT I.D. Number: NA1999.

NEPA Ratings: H=0 F=2 R=0 S=-

HMIS Ratinos: M=0 F=2 R=0 PPE=B

INCREDIENTS/IDENTITY INFORMATION

sample,

Date Prepared: May 31, 1989. Supersedes: Undated.

This section lists components which are present in concentrations of 1.0% or more except carcinogens, which are listed if present in concentrations of 0.1% or more. Components subject to the reporting requirements of SARA Title III, Section 818 are listed in exact weight/weight percentages.

| Component | | | | (Exposure Limits) | |
|---|-----------|---|------------|--|--|
| | CAS 株 | * | W/W | Value Unit Type Auth | |
| Aliphatic hydrocarbons (stoddard type) | 6052~41~3 | > | 9 5 | iCO ppm FEL OSHA 100 ppm TLV ACGIH Note: NIOSH recommends a limit of 350 mg/cum - 8 hour time weighted aver- age, 1800 mg/cum as de- termined by a 15 minute | |

쓨푡궦뀲퉑⊏ニ뀦녿좪퓢봌쾫ӷ┸□┸컜붞□잗平둮ησ□□르쁳ば찞꼳모드□드쁳끆按□□□근학诸병암뭑르므띠므邦戟뭙므므므미대역단위취퇅피미므드학병밤; NA = Not applicable. NE = Not established. NL = Not listed.

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SECTION 111

PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 334°F.

봒췠눖쀨퇃앀냮콯짫ז눆묨굨工CCBBRĄ축뽰쨆멛댎찞찞찞찞찞 봒췠눖쀨퇃앀냮콯짫ז눆멑굔工CBBRĄ축뽰쨆멛앸찞찞찞찞찞찞쯗묲믁늗늗늗늗늗늗늗

Specific Oravity (H2O = 1): 0.770.

Vapor Pressure (mm Mg): 2.00 9 65°F. Melting Foint: NA.

Vapor Density (Air = 1): 4.9. Evaporation Rate: 70.0.

(監ther = 1)

Solubility in Water: Insoluble.

Appearance and Odor: Clear colorless, free-flowing liquid with character-

istic stoddard solvent type odor.

SECTION IV

FIRE AND EXPLOSION HAZARD DATA

Flash Foint: 100°F.

Flandable Limites LEL = 1.0% UEL = NL

Extinguishing Media:

Dry chemical, carbon dioxide, regular foam.

Special Fire Fighting

Procedures:

Wear protective clothing and self-contained by eathing apperatus with full facepiece operated in a positive-pressure demand mode. Cool containers with water to prevent rupture.

Unusual Fire and

Explosion Hazards:

Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from

material handling point.

SECTION V

FEACTIVITY DATA

Conditions to Avoid: None.

Stability: Stable.

Incompatibility (Materials Strong exidizing agents. to Avoid):

Hazardous Decomposition

or Byproducter

a fire.

Hazardous Polymerization: NA Conditions to Avoid: None.

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HEALTH HAZARD DATA

Routes of Entry

Health Hazards (Acute and Chronic)

Evest

Contact.

Can cause severe irritation, redness, tearing, blurred vision.

Oxides of carbon, and various hydrocarbons in

Skin:

Contact.

Prolonged or repeated contact can cause moderave irritation, defatting, dermatitis.

Inhalation: As vapor.

Prolonged breathing of Vapors can cause masal and respiratory irritation, central nervous system effects including dizziness, weakness,

NA = Not applicable. NE = Not established. NL = Not listed.

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SECTION VI. Continued

HEALTH HAZARD DATA

Acutes of Entry

Health Hazards (Acute and Chronic)

Imbalation, continued:

fatigue, nausea, headache and possible uncon-

sclousness, and even death.

Ingestion: Acute.

Can cause gastrointestinal irritation, nausea, Yomiting, and diarrhes. Aspiration of material into the lungs can cause chemical pheumonitis, which can be faral.

Usrcinogenicity:

No components listed in NTA, IARD or OSMA(2).

Signs and Symptoms of Exposure

Eyes:

Irritation, redness, tearing, blurred vision.

Skins

Trritation, dermatitie.

Inhalation: Coughing, wheezing, respiratory tract irritation, dizziness,

.fatigue, nausea, headache, possible unconsciousness.

Bastrointestinal irritation, nausea, vomiting, diarrhea. Medical Conditions Generally Aggravated by Exposure: NE

EMERGENCY AND FIRST AID PROCEDURES

Eves:

Flush with plenty of clean water for at least 15 minutes. lifting eyelide. Get medical attention immediately.

Skint

Thoroughly wash orea with soap and water. If irritation

persists, get medical attention.

Inhalation: Remove victim to fresh air. If breathing has stopped, give artificial respiration. Call a physician immediately.

Ingestion:

Do not induce vomiting. Keep victim warm, quiet and call a physician immediately. Aspiration of material into the lungs due to yomiting can cause chemical pneumonitis, which can be fatal.

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PRECAUTIONS FOR SAFE HANDLING AND USE

Material is Released or Spilled:

ຍ Steps to Be Taken in Case — Observe precautions listed in other sections. Isolate leaking containers. Dike area and recover by using absorbent or by mechanical means. Wash area with a detergent solution.

NA - Not applicable. NE - Not astablished. NL - Not listed.

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Page 4 of 4 쟨봕쇿뺽흢껿몆흕œ삠뜅퀳ę턎낕쌜섇멑낕쿅늗늗늗늗늗늗늗늗눖춖놁씂몆봕쒖윩⊏늗긂긂춖츣놁춖쀤퇃퍞켂둮找삒멛깱첀⊢긂긂쳠뵁됮뾖괱뫢뾖됮톸댬믁끆댎눖눖 쟨봕솫뺽흢뻼볹뱮æ삠찞퀳ę흕찞녆뇶퍞됮늗œ딭긂늗늗늗늗늗쿅╬볹똣얲츚쯗뙭뽔싞눝⊏긂⊐쳑춖ᆠ쌲퉏퇃퍞궦둮봕찞찞첉띥뇬쿅뭑왞됮첉묨덿콯찞늗쯗

SECTION VII, Continued

PRECAUTIONS FOR SAFE HANDLING AND STORAGE

쿿궦딦앀뫱뵁뽁껠쒖뢷첀죮쯩녆앀뫋좥퍞땓쁵봌╆╆븕쁙쇁됮쁳춖춖춖춖묨펺Γ드늗쁙듷픏쵞뉗춖춖홵줎쳪녆쳶æ촙믮컽녆뫶뮄稀츆콬剌츙뜐훘쳞뜐単앬띛녆ο뫶삃쁺_첉

Waste Disposal Method:

Small quantity - allow volatile portion to evaporate in hood, allowing time for vapors to clear ductwork. Large amounts - dispose of by incineration in accordance with federal, state

and local regulations.

Precautions to Be Taken in Handling and Storage: Store in a secure area away from water, food, feed, drugs or clothing. Fratest from temperabuna extranes. Keep container closed when not

in use.

Other Precautions:

Empty containers revain residues and may be hazardous. Never use a welding torch on or near container (even empty) because material (even residue) can ignite expolsively. Do not rause empty container, offer for reconditioning

on recycling.

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Respiratory Protection: If TLV cannot be controlled by ventilation.

wear a NICSH/MSHA approved respirator.

Ventilation:

Local exhaust meeting ACSIH criteria as heeded

to control vapor or apray mist.

Protective Gloves:

Rubber, vinyl or neoprene.

Eye Protection:

Chemical splash eyewear.

Other Protective Equipment: Wear impervious clothing as necessary to pre-

vent contact with material.

Work/Hygenic Practices:

Wash thoroughly after handling. Launder con-

taminated clothing before reuse.

The information contained herein represents current data and best opinion as to the proper use and handling of this material under normal circumstances. Any use of this material which is not in conformance with this Material Safety Data Sheet and the product label, or involves the use of this material in combination with any other material or process, is the responsibility of the user.

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