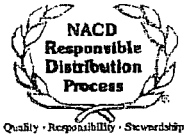




GOLD SHIELD DISTRIBUTORS

3111 DEPOT ROAD • HAYWARD, CA 94545 • (510) 782-2040 • FAX (510) 783-4199
4801 CARPENTER ROAD • STOCKTON, CA 95205 • (209) 466-2215 • FAX (209) 466-1911



TYPICAL PROPERTIES

EFFECTIVE DATE: 7/1/93

CANCELS: 1/22/90

PRODUCT NAME: MINERAL SPIRITS

PROPERTY	TEST METHOD	TYPICAL PROPERTIES
Gravity, API @ 60F	D - 1298	51.1
Gravity, Specific @ 60F	D - 1298	0.7751
Pounds per Gallon @ 60F	D - 1298	6.453
Flash, TCC DEG F	D - 56	108
Kauri - Butanol Value	D - 1133	32
Aniline Point, DEG F	D - 611	150
Distillation, DEG F	D - 86	
IBP		320
10% REC.		326
50% REC.		332
90% REC.		351
DP		372
Aromatics, %V	GLC or CALCD	0.5
Benzene, PPM	GLC or CALCD	<1

GOLD SHIELD DISTRIBUTORS IS A CONSOLIDATION OF:
• AMADOR CHEMICAL • BAY CITY FUEL • EAST BAY OIL
• GOLD SHIELD CHEMICAL • THE SOLVOIL COMPANY



Documentation Verification
Assessment 1995
File 17 NC2038

MATERIAL SAFETY DATA SHEET

Page 001
Date Prepared: 03/08/96
Date Printed: 11/15/97
MSDS No: 999.0197908-006.001

MINERAL SPIRITS 1% AROMAT

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: MINERAL SPIRITS 66 1% AROMAT
Product Code: 3002552
General or Generic ID: ALIPHATIC HYDROCARBON

Company

GOLD SHIELD DISTRIBUTORS
3111 DEPOT ROAD
HAYWARD, CA 94545

Emergency Telephone Number:

EMERGENCY TELEPHONE NUMBER
(CHEMTREC) 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS Number	% (by weight)
ALIPHATIC HYDROCARBONS (STODDARD TYPE)	8052-41-3	100.0

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

Skin

May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

Swallowing

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

Inhalation

Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits (See Section 8).

Symptoms of Exposure

stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Continued on next page

MATERIAL SAFETY DATA SHEET

Page 002
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MINERAL SPIRITS 1% AROMAT

Target Organ Effects

No data

Developmental Information

No data

Cancer Information

Based on the available information, this material cannot be classified with regard to carcinogenicity. This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

Other Health Effects

No data

Primary Route(s) of Entry

Inhalation, Skin contact, Eye contact.

4. FIRST AID MEASURES

Eyes

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

Skin

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Swallowing

Do not induce vomiting. This material is an aspiration hazard. If individual is drowsy or unconscious, place on left side with the head down. Seek medical attention. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

Note to Physicians

No data

5. FIRE FIGHTING MEASURES

Flash Point

105.0 F (40.5 C) TCC

Explosive Limit

(for component) Lower 1.0 Upper 6.0 %

Continued on next page

MATERIAL SAFETY DATA SHEET

Page 004
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MINERAL SPIRITS 1% AROMAT

in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

Skin Protection

Wear resistant gloves (consult your safety equipment supplier)., To prevent repeated or prolonged skin contact, wear impervious clothing and boots..

Respiratory Protections

If workplace exposure limit(s) of product or any component is exceeded (see exposure guidelines), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

Engineering Controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

Exposure Guidelines

Component

ALIPHATIC HYDROCARBONS (STODDARD TYPE) (8052-41-3)
OSHA VPEL 100.000 ppm - TWA
ACGIH TLV 100.000 ppm - TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point

(for component) 300.0 - 400.0 F (148.8 - 204.4 C) @ 760 mmHg

Vapor Pressure

(for component) 2.000 mmHg @ 68.00 F

Specific Vapor Density

4.900 @ AIR=1

Specific Gravity

.772 @ 60.00 F

Liquid Density

6.440 lbs/gal @ 60.00 F
.772 kg/l @ 16.00 C

Continued on next page

MATERIAL SAFETY DATA SHEET

Page 005
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MINERAL SPIRITS 1% AROMAT

Percent Volatiles
100.0 %

Evaporation Rate
70.00 (ETHYL ETHER)

Appearance
No data

State
LIQUID

Physical Form
HOMOGENEOUS SOLUTION

Color
CLEAR, SAYBOLT COLOR 30 MIN

Odor
No data

pH
Not applicable

10. STABILITY AND REACTIVITY

Hazardous Polymerization
Product will not undergo hazardous polymerization.

Hazardous Decomposition
May form: carbon dioxide and carbon monoxide, various hydrocarbons.

Chemical Stability
Stable.

Incompatibility
Avoid contact with: strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

No data

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATION

Waste Management Information
Dispose of in accordance with all applicable local, state and federal regulations.

Continued on next page

MATERIAL SAFETY DATA SHEET

Page 006
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MINERAL SPIRITS 1% AROMAT

14. TRANSPORT INFORMATION

DOT Information - 49 CFR 172.101

DOT Description:

PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, UN1268, III

Container/Mode:

55 GAL DRUM/TRUCK PACKAGE

NOS Component:

NAPHTHA

RQ (Reportable Quantity) - 49 CFR 172.101

Not applicable

15. REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (UNITED STATES) The intentional ingredients of this product are listed.

CERCLA RQ - 40 CFR 302.4(a)

None listed

SARA 302 Components - 40 CFR 355 Appendix A

None

Section 311/312 Hazard Class - 40 CFR 370.2

Immediate() Delayed() Fire(X) Reactive() Sudden Release of Pressure()

SARA 313 Components - 40 CFR 372.65

None

International Regulations

Inventory Status

Not determined

State and Local Regulations

California Proposition 65

None

New Jersey RTK Label Information

STODDARD SOLVENT

8052-41-3

Pennsylvania RTK Label Information

STODDARD SOLVENT

8052-41-3

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

Last page