

MATERIAL SAFETY DATA SHEET

Date: April 4, 2010

Replaces: September 20, 2009dco

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER: 84616, 84600, 846GA5
PRODUCT NAME: Star brite Diesel Fuel Water Absorber

NFPA HAZARD RATINGS: Minimal 0, Slight 1, Moderate 2, Serious 3, Severe 4
Health: 1
Flammability: 3
Reactivity: 0

CHEMICAL FAMILY: Methanol

MANUFACTURER NAME AND ADDRESS: Star brite Distributing, Inc., 4041 S. W. 47 Avenue, Ft. Lauderdale, FL 33314
TELEPHONE NUMBERS: Chemtrec: 800-424-9300 or 703-527-3887, Star brite: 800-327-8583

SECTION 2. COMPOSITION/INFORMTION ON INGREDIENTS

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY/COMMON NAME): CAS # PERCENTAGE
Methanol (Methyl alcohol; Carbinol; Wood alcohol) 67-56-1 95.0-99.0

CAS 3 OSHA PEL ACGIH TLV OTHER LIMITS
67-56-1 200 PPM 200 PPM

SECTION 3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW:

This polish is irritating to the eyes and stomach lining, defats skin and it can cause dizziness and headaches from inhalation. Can cause aspiration – severe irritation and pulmonary edems. Ingestion may cause blindness and death.

ROUTE(S) OF ENTRY: Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes Other:

POTENTIAL HEALTH EFFECTS (Acute and Chronic):

ACUTE:

EYES: Irritating to eyes.
SKIN: Constant exposure to skin may cause drying or defatting of skin.
INHALATION: May cause dizziness, headaches and irritate the respiratory tract.
INGESTION: May cause blindness and death.

CHRONIC

TARGET ORGAN

EFFECTS: Central Nervous System, possibly kidneys, eyes, gastrointestinal system

CARCINOGENICITY: NTP? No IARC Monographs? No OSHA Regulated? No
CARCINOGENICITY/OTHER INFORMATION: No data available

RECOMMENDED EXPOSURE LIMITS: 200 ppm
LD 50/LC 50: 0.5-5.0 g/Kg (Methyl Alcohol)

SIGNS AND SYMPTOMS OF EXPOSURE:

EYES: Irritation, redness, tearing, blurred vision.

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SECTION 3. HAZARDOUS IDENTIFICATION cont'd

INHALATION: Vapors may cause respiratory tract irritation, cough, discomfort and difficulty in breathing.

INGESTION: May cause blindness and death.

SKIN: Irritating to the skin with possible drying and defatting of the skin.

SECTION 4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush eyes with water for at least 15 minutes. Call a physician.

INGESTION: Do not induce vomiting. Call a physician immediately.

INHALATION: Remove to fresh air, give oxygen or artificial respiration if necessary. Call a physician.

SKIN: Wash skin thoroughly with soap and water.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No data available.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT: 51.8°F 11°C **METHOD USED:** TCC

EXPLOSIVE LIMITS: LEL: 6.0 UEL: 36.5

AUTOIGNITION PT: 867.0°F

EXTINGUISHING MEDIA:

Dry chemicals, CO₂ or alcohol resistant foam.

FIRE FIGHTING INSTRUCTIONS:

Cool exposed containers with water.

FLAMMABLE PROPERTIES AND HAZARDS:

Flame is invisible in daylight.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Ventilate area. Avoid breathing vapor. Wear appropriate personal protective equipment, including respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Keep out of sewers and drains. Avoid contact with skin, eyes and clothing.

SECTION 7. HANDLING AND STORAGE

HAZARD LABEL INFORMATION:

DANGER! Flammable Harmful or fatal if swallowed.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Always check containers for leaks and keep away from heat, sparks and flames. Avoid contact with eyes, skin and clothing. Store at correct temperatures.

OTHER PRECAUTIONS:

No data available.

WORK/HYGIENIC/MAINTENANCE PRACTICES:

Do not smoke while using. Wash hands after use. Launder clothes before reuse. Use good personal hygiene at all times.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT SUMMARY – HAZARD LABEL INFORMATION:

Rubber gloves Safety glasses

RESPIRATORY EQUIPMENT (Specify Type):

None should be needed under normal use. If exposure limits are exceeded, use a NIOSH/MSHA approved respirator.

EYE PROTECTION:

Safety glasses

PROTECTIVE GLOVES:

Rubber gloves

OTHER PROTECTIVE CLOTHING:

Boots, apron or coveralls as necessary to prevent contact

ENGINEERING CONTROLS (Ventilation etc.):

Good general ventilation should be sufficient to control airborne levels.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATES: [] Gas [X] Liquid [] Solid

BOILING POINT: 148°F

MELTING POINT: -144°F

<u>SPECIFIC GRAVITY (WATER =1):</u>	0.79-0.795	at 20°C
<u>VAPOR PRESSURE (VS. AIR OR MM HG):</u>	96	at 20°C
<u>VAPOR DENSITY (VS. AIR=1):</u>	1.11	at 20°C
<u>EVAPORATION RATE (VS. BUTYL ACETATE=1):</u>	3.5	at 20°C
<u>SOLUBILITY IN WATER:</u>	Complete	at 20°C
<u>PERCENT VOLATILE:</u>	99.0%	by weight
<u>PH:</u>	No data	
<u>APPEARANCE AND ODOR:</u>	Clear/characteristic	

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Unstable [] Stable [X]

CONDITIONS TO AVOID – INSTABILITY:

None

INCOMPATIBILITY – MATERIALS TO AVOID:

None

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Carbon monoxide, fumes and smoke.

HAZARDOUS POLYMERIZATION: May occur [] Will not occur [X]

CONDITIONS TO AVOID – HAZARDOUS POLYMERIZATION:

Strong oxidizers

SECTION 11. TOXICOLOGICAL INFORMATION

0.5-5.0 g/Kg (methyl alcohol)

SECTION 12. ECOLOGICAL INFORMATION

No data available

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SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

All notification, clean up and disposal should be carried out in accordance with federal, state and local regulations. Preferred methods of waste disposal are incineration or biological treatment in federal/state approved facility.

SECTION 14. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: Methanol
UN NUMBER: 1230
DOT HAZARD CLASS: 3
PACKING GROUP: II
DOT HAZARD LABEL: Limited quantity up to 1 liter. Consumer Commodity ORM-D
Above 1 liter, Flammable Liquid

IMDG & IATA:

PROPER SHIPPING NAME: Methanol
UN NUMBER: 1230
HAZARD CLASS: 3
PACKING GROUP: II
HAZARD LABELS REQUIRED: Limited quantities up to 1 liter.
Over 1 liter – Flammable Sticker Required
SUBSIDIARY RISK: 6.1 Toxic

SECTION 15. REGULATORY INFORMATION

New Jersey Right-To-Know: Methanol 67-56-1

Volatile Organic Compounds (VOC): 100.00%

Prop 65: No chemicals which currently appear on California's Proposition 65 carcinogen or reproductive hazard lists are known to be present in this product.

<u>PARTIAL CHEMICAL NAME</u>	<u>CAS #</u>	<u>SEC.302 (EHS)</u>	<u>SEC.304 RQ</u>	<u>SEC.313</u>
Methanol Methyl alcohol; Carbinol;	67-56-1	No	Yes 5000 lb.	Yes

<u>CAS #</u>	<u>CA PROP 65</u>	<u>CWA NPDES</u>	<u>CAA HAP</u>	<u>CAA ODC</u>
67-56-1	No	No	Yes	No

TSCA (TOXIC SUBSTANCES CONTROL ACT) LISTS:

<u>CAS #</u>	<u>5 (A) (2)</u>	<u>6(A)</u>	<u>8A</u>	<u>8A CAIR</u>	<u>8A PAIR</u>	<u>8C</u>	<u>8D</u>	<u>8D TERM</u>
67-56-1	No	No	No	No	No	No	No	No

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

Sec.302: EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10,000 LB TPQ if not volatile

Sec.304: EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ

Sec.313: EPA SARA Title III Section 313 Toxic Release Inventory
Note: -Cat indicates a member of a chemical category

CA PROP 65: California Proposition 65

CWA NPDES: EPA Clean Water Act NPDES Permit Chemical

CAA HAP: EPA Clear Air Act Hazardous Air Pollutant

CAA ODC: EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)

TSCA (Toxic Substances Control Act) Lists:

5(A) (2): Chemical subject to Significant New Rules (SNURS)

6(A): Commercial Chemical Control Rules

8(A): Toxic Substances Subject to Information Rules on Production

8A CAIR: Comprehensive Assessment Information Rules - (CAIR)

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SECTION 15. REGULATORY INFORMATION CONT'D

8A PAIR: Preliminary Assessment Information Rules - (PAIR)
8C: Records of Allegations of Significant Adverse Reactions
8D: Health and Safety Data Reporting Rules
8D TERM: Health and Safety Data Reporting Rule Terminations

EPA HAZARD CATEGORIES: This material meets the EPA "Hazard Categories" defined for SARA Title III Sections 311/312 as indicated:

Immediate (Acute) Health Hazard: Yes	Fire Hazard:	Yes
Delayed (Chronic) Health Hazard: Yes	Sudden Release of Pressure Hazard:	No
	Reactive Hazard:	Yes

Please check updated Federal Regulations for most recent regulatory information.

SECTION 16. OTHER INFORMATION

The supplier makes no warranty of any kind, express or implied, concerning the use of this product either singly or in combination with other substances. Effects can be aggravated by other materials. This product may aggravate or add to the effects of other materials. This product may be released from gas, liquid or solid materials made directly or indirectly from it. User assumes all risks incident to its use. User must communicate to its employees and customers, including consumers of its products, all warnings that relate to the potential exposure of each of those groups to the material. To the best of our knowledge, the information contained herein is accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. No warranty is made, either express or implied.