

MATERIAL SAFETY DATA SHEET

Date: July 28, 2009

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: 85908, 85932PW, 85900N, 85922P

PRODUCT NAME: Star brite Non-Skid Deck Cleaner

NFPA HAZARD RATINGS: Minimal - - - - - 0
Slight - - - - - 1
Moderate - - - - - 2
Serious - - - - - 3
Severe - - - - - 4

Health: 2
Flammability: 2
Reactivity: 0

CAS NUMBER: Mixture
CHEMICAL FAMILY: Aqueous cleaning compound
SYNONYMS: No data available

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
Jeff Tieger 800-327-8583

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Table with 3 columns: HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY/COMMON NAME), CAS #, PERCENTAGE. Rows include 1-(2-methoxy-2-methylethoxy)-2-propanol and Isopropyl alcohol (sec-Propyl alcohol; IPA; 2-Propanol).

Table with 4 columns: CAS #, OSHA PEL, ACGIH TLV, OTHER LIMITS. Rows include 34590-94-8 and 67-63-0.

SECTION 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

EYES: Causes eye irritation.

SKIN: Constant exposure to skin, by means of total immersion, may cause some drying or defatting of the skin or irritation.

INGESTION: Harmful if swallowed.

INHALATION: May cause irritation of the respiratory tract.

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

POTENTIAL HEALTH EFFECTS (Acute and Chronic):

ACUTE HEALTH EFFECTS

EYES: Can cause severe eye irritation.

SKIN: Brief contact may cause slight irritation. Prolonged contact, as with clothing wetted with material, may cause more severe irritation and discomfort, seen as local redness and swelling.

INHALATION: No hazard in normal industrial use.

INGESTION: If more than several mouthfuls are swallowed, abdominal discomfort, nausea and diarrhea may occur.

CARCINOGENICITY: NTP? No IARC Monographs? No OSHA Regulated? No

CARCINOGENICITY/OTHER INFORMATION:

No known carcinogens present.

SIGNS AND SYMPTOMS OF EXPOSURE:

EYES: Contact produces burning and redness.

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SECTION 3. HAZARDS IDENTIFICATION (cont'd)

SKIN: May be irritating to skin upon prolonged or repeated contact..

INGESTION: May result in severe irritation of the mouth, throat and stomach.

INHALATION: No adverse effects should occur with normal use and local ventilation.

SECTION 4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: If swallowed, do not induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

INHALATION: If inhaled, remove from exposure.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No data available.

SECTION 5. FIRE FIGHTING MEASURES

<u>FLASH PT:</u> 200 F (93.32 C)	<u>METHOD USED:</u> TCC
<u>EXPLOSIVE LIMITS:</u>	LEL: No data UEL: No data
<u>AUTOIGNITION PT:</u>	NE or NA

EXTINGUISHING MEDIA:

Dry chemicals, CO₂ or alcohol resistant foam.

FIRE FIGHTING INSTRUCTIONS:

A self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

FLAMMABLE PROPERTIES AND HAZARDS:

Material will burn in a fire..

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:

CAUTION!	Irritating to eyes
Avoid contact with eyes.	Keep out of reach of children.

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SECTION 7. HANDLING AND STORAGE (cont'd)

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

CAUTION! Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Do not take internally. Keep out of reach of children.

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.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY EQUIPMENT (Specify Type):

Local ventilation needed at times.

EYE PROTECTION:

Safety glasses, chemical safety goggles or face shield recommended to prevent eye contact.

PROTECTIVE GLOVES:

Rubber or neoprene gloves are recommended.

OTHER PROTECTIVE CLOTHING:

Boots, apron or coveralls as necessary to prevent skin contact.

ENGINEERING CONTROLS (Ventilation etc.):

No data available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATES: [] Gas [x] Liquid [] Solid
BOILING POINT: 212.0 F
MELTING POINT: NE or NA

SPECIFIC GRAVITY (WATER = 1): 1.02 at 25.0 C
VAPOR PRESSURE (VS. AIR OR MM HG): No data NE or NA
VAPOR DENSITY (VS. AIR = 1): No data NE or NA
EVAPORATION RATE (VS. BUTYL ACETATE=1): .. No data NE or NA
SOLUBILITY IN WATER: Complete at 25.0 C
PERCENT VOLATILE: 90.0 % by weight
SATURATED VAPOR CONCENTRATION: NE or NA
VISCOSITY: 4-6 cP at 25.0 C
PH: 12.0 – 13.0
APPEARANCE AND ODOR: Green liquid with a pleasant lemon odor

NOTE: pH is 12.0

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Unstable [] Stable [X]

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SECTION 10. STABILITY AND REACTIVITY (cont'd)

CONDITIONS TO AVOID - INSTABILITY:

None known.

INCOMPATIBILITY - MATERIALS TO AVOID:

Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None known.

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

CONDITIONS TO AVOID - HAZARDOUS POLYMERIZATION:

Product will not undergo polymerization.

SECTION 11. TOXICOLOGICAL INFORMATION

No data available.

SECTION 12. ECOLOGICAL INFORMATION

No data available.

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:

Not regulated.

ADDITIONAL TRANSPORT INFORMATION:

IATA: Not regulated.

IMDG: Not regulated.

SECTION 15. REGULATORY INFORMATION

<u>PARTIAL CHEMICAL NAME</u>	<u>CAS #</u>	<u>SEC.302 (EHS)</u>	<u>SEC.304 RQ</u>	<u>SEC.313</u>
Propanol, (2-Methoxymethylethoxy)-	34590-94-8	No	No	No
Isopropyl alcohol (Sec-Propyl alcohol)	67-63-0		No	Yes

<u>CAS #</u>	<u>CA PROP 65</u>	<u>CWA NPDES</u>	<u>CAA HAP</u>	<u>CAA ODC</u>
34590-94-8	No	No	No	No
67-63-0	No	No	No	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>
34590-94-8	No	No	No	No	Yes	No	No	No
67-63-0	Mo	No	No	No	Yes	No	No	No

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SECTION 15. REGULATORY INFORMATION (cont'd)

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

Sec.302: EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 1000 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 Clear 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)

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:	No
Delayed (Chronic) Health Hazard:	No	Sudden Release of Pressure Hazard:	No
		Reactive Hazard:	No

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.