

1 IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Product name : Star brite Gel Teak Cleaner - 89300, 89332, 89332EF
 Application : Wood maintenance. Cleaner.

Manufacturer : Star brite Distributing, Inc.
 Address : 4041 S. W. 47 Avenue
 Ft. Lauderdale, FL 33314, USA
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Distributor : Star brite Europe Inc.
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EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:



: 001-703-527-3887 - CHEMTREC

2 COMPOSITION / INFORMATION ON CONSTITUENTS

Product description : Preparation.

Information on hazardous substances:

EC-name	Concentration (w/w) (%)	CAS-number	EC-number	Symbols	R-phrases
1-Butoxy-propan-2-ol	10 – 20	5131-66-8	225-878-4	Xi	36/38
Distillates (petroleum), hydrotreated light; Kerosine – unspecified	5 – 10	64742-47-8	265-149-8	Xn	10-65-66
(2-Methoxymethylethoxy)propanol	1 – 5	34590-94-8	252-104-2	-	-
Alcohols, C9-11, ethoxylated (6 EO)	1 – 5	68439-46-3	Polymer	Xn	22-41
d-Limonene	1 – 5	5989-27-5	227-813-5	Xi, N	10-38-43-50/53

Reference is made to chapter 16 for full text of each relevant R phrase. Occupational exposure limit(s), if relevant, are listed in section 8.

3 HAZARD INFORMATION

Classification : Sensitising, irritant and dangerous to the environment.

Human health hazards : Irritating to eyes. May cause sensitisation by skin contact. See also section 11. Contains petroleum distillates, may be harmful when ingested.

Physical/chemical hazards : Not classified as dangerous on the basis of statutory EC-Directives. Combustible.

Environmental hazards : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. See also section 12.

Other information : Keep out of reach of children. If swallowed, seek medical advice immediately and show this container or label. Avoid contact with skin. Wear suitable gloves.

4 FIRST AID MEASURES

Effects and symptoms

- Inhalation : May cause headache, dizziness and a feeling of sickness.
- Skin contact : May cause redness, irritation and sensitisation. May cause dry skin.
- Eye contact : Irritant. May cause redness and pain.
- Ingestion : May cause a feeling of sickness, vomiting, stomachache and diarrhoea.

First aid measures

- Inhalation : Move victim into fresh air. Seek medical advice.
- Skin contact : Immediately take off contaminated clothing. Wash off skin with plenty of water and soap before product dries up. Consult a doctor if irritation persists.

Eye contact : Wash out with (lukewarm) water for at least 15 minutes. Remove contact lenses. Consult a doctor.
 Ingestion : Do not induce vomiting. Give nothing to drink. Never give anything by mouth to an unconscious person. Consult a doctor.

5 FIRE FIGHTING MEASURES

Extinguishing media
 Suitable : CO2, foam, water fog or dry chemical.
 Not suitable : None known
 Special exposure hazards : None known
 Hazardous thermal (de)composition products : Carbon monoxide may be evolved if incomplete combustion occurs.
 Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. See also section 8.
 Environmental precautions : Avoid release of product into sewers, surface water and/or ground water.
 Methods for cleaning up : Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Wash away remainder with plenty of water.

7 HANDLING AND STORAGE

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Keep away from sources of ignition. No smoking. Avoid contact with eyes and skin. Do not breathe vapours.
 Storage : Keep frost-free, in a cool, dry and well-ventilated place (< 35 °C) separated from oxidizing substances.
 Recommended packaging : Keep only in the original container.
 Use : Use only as directed.

8 EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.
 Hygienic measures : Do not eat, drink or smoke during use.
 Occupational exposure limits : Occupational exposure limits have not been established for this product.

Workplace exposure limits (mg/m³):

Chemical name		EC	UK		CEFIC-HSPA advice
(2-Methoxymethylethoxy)propanol	TWA 8 hour STEL 15 min	308 -	308 -		
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	TWA 8 hour STEL 15 min	- -	- -		1200

Personal protective equipment:
 The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.



- Body protection : Use of specific protective industrial clothing is not required under normal conditions of use. See also under additional information.
- Respiratory protection : Take care of sufficient ventilation. Wear a gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140, in case of large scale exposure
- Hand protection : Wear suitable gloves. See also under additional information.
- Eye protection : Wear appropriate safety glasses with side shields, in accordance with EN 166, when there is danger of possible eye contact.

Additional information:

- Protective clothing : In case of large scale exposure wear neoprene protective clothing, overalls or suit, and similar boots in accordance with EN 365/367 resp. 345.
- Safety gloves : Wear neoprene gloves. Indication of permeation breakthrough time: not known

9	PHYSICAL AND CHEMICAL PROPERTIES
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- Appearance : Liquid
- Colour : Yellowish
- Odour : Characteristic
- pH : ± 10,0
- Solubility in water : Soluble
- in fat : Not known
- Partition coefficient (n-octanol/water) : Not applicable
- Flash point : 72°C (PMcc)
- Auto ignition temperature : Not applicable
- Boiling point/ boiling range : ± 100°C
- Melting point/ melting range : ± 0°C
- Explosive properties : Not applicable
- Oxidizing properties : Not applicable
- Decomposition temperature : Not applicable
- Viscosity (25°C) : 940 cSt
- Vapour pressure (20°C) : Not known
- Relative density (20°C) : ± 1.0 kg/l
- Evaporation rate : < 1 (n-butyl acetate = 1)

10	STABILITY AND REACTIVITY
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- Stability : Stable under normal conditions.
- Conditions to avoid : See section 7.
- Materials to avoid : Keep away from oxidizing substances.
- Hazardous decomposition products : None known.

11	TOXICOLOGICAL INFORMATION
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No toxicological research has been carried out on this product.

- Inhalation : Irritation of respiratory airways possible when vapour concentrations exceed threshold limits.
- Skin contact : Irritating, may cause sensitisation by skin contact. Prolonged contact may dry out and degrease the skin.
- Eye contact : Irritating to eyes.
- Ingestion : Ingestion may cause vomiting, nausea and diarrhoea. After ingestion, at vomiting, risk of aspiration in the lungs.

Toxicological information:

Chemical name	Toxicity (mg/kg)	Irritation	Sensitization
Alcohols, C9-11, ethoxylated (6EO)	LD ₅₀ : > 500 (rat, oral) LD ₅₀ : > 2000 (rabbit, dermal)	Slight irritating (skin)	Not sensitizing

Limonene ((R)-p-mentha-1,8-diene)	LC ₅₀ : > 5000 (inh.) LD ₅₀ : 4400 (rat, oral)	Strong irritating (eyes) Irritating (skin)	Sensitising (skin)
3-Butoxy-2-propanol	LD ₅₀ : > 2000 (rabbit, dermal) LD ₅₀ : > 2000 (rat, oral)	Slight irritating (skin) Irritating (eyes)	Not sensitising

12 ECOLOGICAL INFORMATION

No ecotoxicological research has been carried out on this product.

- Ecotoxicity : Harmful to aquatic organisms. May form an oil film on the water surface causing a decline in oxygen content with possible adverse effects for aquatic organisms.
- Mobility : Spilled product can penetrate into the ground and get into the ground water and surface water.
- Persistence – degradability : No data available on biodegradation. May cause long-term adverse effects in the aquatic environment.
The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents.
- Bio accumulative potential : No specific data available.

Ecotoxicological information:

Chemical name	Toxicity (mg/l)	Log P(ow)	BCF	Degradability
Limonene	LC ₅₀ : < 1	4.2	-	-

13 DISPOSAL CONSIDERATIONS

- Product residues : Do not dispose empty pack with regular household waste. Treat product residues and non-empty pack as hazardous waste.
- European waste catalogue : Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.
- Comment : Attention is drawn to the possible existence of mandatory and regulatory communal, national or local requirements governing disposal of waste.

14 TRANSPORT

- UN number : None
- Transport name : Not regulated.
- Land - Road/Railway ADR/RID class : This product is not classified according to ADR/RID.
- Water IMDG class : This product is not classified according to IMDG.
Marine pollutant : No
- Air IATA class : This product is not classified according to IATA.

15 REGULATORY INFORMATION

Community regulations : EC classification (67/548/EEC - 99/45/EC) and other regulations

Hazard symbols : Xi, irritant



- R- and S-phrases : R36 Irritating to eyes.
R43 May cause sensitisation by skin contact.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

- S2 Keep out of reach of children.
S24 Avoid contact with skin.
S37 Wear suitable gloves.
S46 If swallowed, seek medical advice immediately and show this container or label.

Other information : This product is exempted from classification as "Harmful: may cause lung damage if swallowed" on the basis of article 3.2.3 of Annex VI of Directive 67/548/EEC.
The packaging shall carry the text:
Contains Limonene

Ingredient declaration according to Regulation 648/2004:

Contains:	Concentration (w/w) (%)
Aliphatic hydrocarbons	5 – 15
Soap	5 – 15
Nonionic surfactants	< 5
Limonene	

16 OTHER INFORMATION

The information in this safety data sheet is compiled in compliance with Directive 2001/58/EC dated 27 July 2001 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product.
This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

Full text of R-phrases mentioned in section 2:

- R10 Flammable.
R22 Harmful if swallowed.
R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

History

Date of first issue : 18-04-2006