

1 IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Product name : Star brite Chrome and Stainless Polish - 827XX
 Application : Boat maintenance. Polish.

Manufacturer : Star brite Distributing, Inc.
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 Ft. Lauderdale, FL 33314
 Telephone : 001-954-857-6280

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EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:
 : 001-703-527-3887 - CHEMTREC



2 COMPOSITION / INFORMATION ON CONSTITUENTS
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Product description : Preparation.

Information on hazardous substances:

EC-name	Concentration (w/w) (%)	CAS-number	EC-number	Symbols	R-phrases
Kerosine (petroleum)	10 - 15	8008-20-6	232-366-4	Xn, N	10-38-51/52-65
Naphthalene	< 1	91-20-3	202-049-5	Xn, N	22-40-50

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 : Irritant and dangerous to the environment.

Human health hazards : Irritating to skin. 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.

4 FIRST AID MEASURES

Effects and symptoms

Inhalation : May cause headache, dizziness and a feeling of sickness.
 Skin contact : Irritant. May cause redness.
 Eye contact : May cause stinging of eyes and redness.
 Ingestion : May cause a feeling of sickness, vomiting, stomachache and diarrhoea.

First aid measures

Inhalation : Move victim into fresh air. Seek medical advice if victim feels unwell.
 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 if irritation persists.
 Ingestion : Do not induce vomiting. Rinse the mouth and drink 1 glass of water. Never give anything by mouth to an unconscious person. Consult a doctor.

5	FIRE FIGHTING MEASURES
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Extinguishing media
 Suitable : CO2, foam, water fog or dry chemical.
 Not suitable : Water jet
 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
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Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Keep away from sources of ignition. See also section 8.
 Environmental precautions : Avoid release of product into sewers, surface and ground water causing pollution of the aquatic environment.
 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 and soap.

7	HANDLING AND STORAGE
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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
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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
Kerosine (petroleum)	TGG 8 uur TGG 15 min.	- -	- -	- -	575

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.
 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 : Under normal conditions of use specific gloves are not required.
 Eye protection : Wear appropriate safety glasses 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 in case of frequent or prolonged use and in case of large scale exposure. Indication of permeation breakthrough time: non permeable (kerosine)

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance : Viscous liquid
 Colour : White
 Odour : Hydrocarbons
 pH : 9.5
 Solubility in water : Insoluble
 in fat : Not known
 Partition coefficient : Not known
 (n-octanol/water)
 Flash point : ± 59°C (PMcc)
 Auto ignition temperature : Not applicable
 Boiling point/ boiling : Not known
 range
 Melting point/ melting : ± 0°C
 range
 Explosive properties : Not known
 Oxidizing properties : Not applicable
 Decomposition : Not applicable
 temperature
 Viscosity (40°C) : > 7 cSt
 Vapour pressure (20°C) : Not known
 Relative density (20°C) : ± 1 kg/l
 Evaporation rate : Not known (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 : None known.
 decomposition
 products

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 to skin.
 Eye contact : Slight irritation possible.
 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 or mg/m3)	Irritation	Sensitization
Kerosine (petroleum)	LD ₅₀ : > 2000 (rat, oral) LD ₅₀ : > 2000 (rabbit, dermal) LC ₅₀ : > 5000 (rat, inh.)	Slightly irritating (skin) Not irritating (eyes)	Not sensitizing

12	ECOLOGICAL INFORMATION
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No ecotoxicological research has been carried out on this product.

Ecotoxicity : No ecotoxicological information available. Harmful to aquatic organisms.
 Mobility : Spilled product can penetrate into the ground and get into the ground water and surface water.
 Persistence – : Data on the biodegradation of this product are not available. May cause long-term adverse
 degradability effects in the aquatic environment.
 Bio accumulative : No specific information known.
 potential

Ecotoxicological information:

Chemical name	Toxicity (mg/l)	Log P(ow)	BCF	Degradability
Kerosine (petroleum)	EC ₅₀ : 1 - 10 (fish, estimated value)	3.6 – 7.6	-	< 10 days (half-life time)
Naphthalene	LC ₅₀ : < 1	3,3		

13 DISPOSAL CONSIDERATIONS

- Product residues : Dispose empty pack with regular household waste. Treat product residues and non-empty pack as hazardous waste. 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 : UN 1993
 Transport name : FLAMMABLE LIQUID, N.O.S. (hydrocarbons)

- Land (road / railway)
 ADR/RID class : 3
 Classification code : F1
 Packaging group : III



- Sea
 IMDG class : 3
 Packaging group : III
 EmS (fire / spill) : F-E / S-E
 Marine pollutant : No
- Air
 IATA class : 3

Information in this section pertains to shipments of the material in limited quantity (up to 5 liter) containers. Shipments in containers greater than 5 liters require flammable sticker. Information in this section does not apply 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 : R38 Irritating to skin.
 R52 Harmful to aquatic organisms
- S2 Keep out of reach of children.
 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 basis of point 3.2.3 of Annex VI of Directive 67/548/EC.

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.



MATERIAL SAFETY DATA SHEET

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.
R38	Irritating to skin.
R40	Limited evidence of a carcinogenic effect.
R52	Harmful to aquatic organisms.
R65	Harmful: may cause lung damage if swallowed.

History

Date of first issue : 30-09-2005