

**1 IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY**

Product name : Star\*Tron Diesel Additive - 93100N, 93105, 93108DP, 93116EF, 93132EF, 93155  
 Application : Fuel additive 93108E, 93108F,93108GP

Manufacturer : Star brite Distributing, Inc.  
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 Ft. Lauderdale, FL 33314  
 Telephone : +001- 954-587-6280

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
Solvent naphtha (petroleum), heavy aliphatic	> 75	64742-96-7	265-200-4	Xn	65

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 : Harmful.

Human health hazards : Harmful: may cause lung damage if swallowed.  
 Physical/chemical hazards : Not classified as dangerous on the basis of statutory EGDirectives. Combustible.  
 Environmental hazards : Not classified as dangerous on the basis of statutory EGDirectives. See also section 12.  
 Other information : Keep out of reach of children. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**4 FIRST AID MEASURES**

Effects and symptoms

Inhalation : May cause headache, drowsiness, dizziness and a feeling of sickness.  
 Skin contact : Repeated exposure may cause skin dryness or cracking.  
 Eye contact : May cause stinging of eyes and redness.  
 Ingestion : May cause lung damage, sore throat, stomachache, diarrhoea, a feeling of sickness and lack of breathe.

First aid measures

Inhalation : Move victim into fresh air. Seek medical advice.  
 Skin contact : Take off contaminated clothing. Wash skin off with plenty of water and soap before product dries up. If irritation persists, consult a doctor.  
 Eye contact : Wash out with (luke warm) water for at least 15 minutes. Remove contact lenses. Consult a doctor if irritation persists.  
 Ingestion : Do not induce vomiting. Do rinse the mouth. Immediately consult a doctor. Eventually give 1 or 2 soupspoons of laxative (sodium sulphate).

## 5 FIRE FIGHTING MEASURES

- Extinguishing media  
Suitable : CO<sub>2</sub>, 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

- Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with nonslip soles. Keep away from sources of ignition. 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 and soap.

## 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.

### 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.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Liquid
- Colour : Pale yellow
- Odour : Hydrocarbons
- pH : Not applicable
- Solubility in water : Insoluble  
in fat : Soluble
- Partition coefficient : Not available

(n-octanol/water)  
Flash point :  $\pm 69^{\circ}\text{C}$  (PMcc)  
Auto ignition temperature :  $215^{\circ}\text{C}$   
Boiling point/ boiling range : Not available  
Melting point/ melting range :  $- 42^{\circ}\text{C}$   
Explosive properties : Not applicable  
Oxidizing properties : Not applicable  
Decomposition temperature : Not applicable  
Viscosity ( $40^{\circ}\text{C}$ ) :  $< 7 \text{ cSt}$   
Vapour pressure ( $20^{\circ}\text{C}$ ) :  $0.01 \text{ mm Hg}$   
Relative density ( $20^{\circ}\text{C}$ ) :  $\pm 0.8 \text{ kg/l}$   
Evaporation rate :  $< 10$  (n-butyl acetate = 1)

**10 STABILITY AND REACTIVITY**

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**

No toxicological research has been carried out on this product.

Inhalation : Vapours may cause drowsiness and dizziness. Stinging of respiratory airways possible when vapour concentrations exceed threshold limits.  
Skin contact : Slight irritation possible. Prolonged contact may dry out and degrease the skin.  
Eye contact : Slight irritation possible.  
Ingestion : Ingestion may cause vomiting, nausea and diarrhoea. After ingestion, at vomiting, risk of aspiration in the lungs. May cause bronchopneumonia.

**12 ECOLOGICAL INFORMATION**

No ecotoxicological research has been carried out on this product.

Ecotoxicity : No ecotoxicological information available. 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 : Data on the biodegradation of this product are not available.  
Bio accumulative potential : No specific data available.

**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 : 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 : Xn, harmful



R- and S-phrases : R65 Harmful: may cause lung damage if swallowed.  
S2 Keep out of reach of children.  
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Other information : According to directive 99/45/EC, the packaging of this product shall carry a tactile warning of danger and a child resistant closure.  
The packaging shall carry the text:  
Contains: Solvent naphtha (petroleum), heavy aliphatic

**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:

R65 Harmful: may cause lung damage if swallowed.

**History**

Date of first issue : 27-05-2005