

**SECTION 1 PRODUCT AND COMPANY IDENTIFICATION**

Product name : KONSTRUKT® HEAVY DUTY CUTTING OIL  
Product code : KONS-I39CDTF500ML

**Manufacturer or supplier's details**

Company : Synergy Business Systems Pty Ltd  
Address : Suite 2, Level 7, 104 Melbourne Street, South Brisbane, QLD 4101  
Telephone : 1300 161 872  
Emergency telephone number : 131 126  
Website : [www.synergysystems.com.au](http://www.synergysystems.com.au)  
Poisons Information Centre : 131 126

**SECTION 2 HAZARDS IDENTIFICATION**

Classification : Not classified as Hazardous according to the criteria of NOHSC

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

| Chemical Entity:                           | CAS No | Proportion |
|--------------------------------------------|--------|------------|
| Proprietary blend of sulphurised oils      | n/a    | < 10%      |
| Vegetable oils                             | n/a    | < 50%      |
| Ingredients determined not to be hazardous | n/a    | < 50%      |

**SECTION 4 FIRST AID MEASURES****Description of necessary first aid measures according to routes of exposure**

**Eye contact** : Flush eyes with plenty of water for at least 15 minutes. If irritation persists, contact a doctor.

**Skin contact** : Wash skin with soap and plenty of water.  
Remove contaminated clothing and wash before wearing again.

**Inhalation** : Remove victim to fresh air immediately.

**Ingestion** : If swallowed, do not induce vomiting.  
Contact a doctor or Poisons Information Centre immediately.

**SECTION 5 FIRE AND EXPLOSION DATA**

**Flash Point** : < 180°C

**Extinguishing media** : Water, CO2, Foam, Dry Chemical, applied according to manufacturers techniques

## SECTION 5 FIRE AND EXPLOSION DATA (CONTINUED)

**Special Fire Fighting Procedures** : Wear self-contained breathing apparatus and complete personal protective equipment.

**Unusual Fire And/Or Explosion Hazards** : Closed containers may build up pressure at elevated temperatures.  
If possible, containers should be cooled with a water spray.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** : Clean up personnel should wear appropriate protective clothing including breathing apparatus

**Methods And Materials For Containment And Clean Up** : Avoid sources of ignition. Contain spill with inert absorbent material.  
Avoid inhalation of vapours.

**Waste Disposal** : Absorb spill with inert material and place into a chemical waste container.  
Confer with your pertinent disposal regulations – local, state or federal, and comply.

## SECTION 7 PRECAUTIONS FOR SAFE HANDING & USE

**Precautions For Safe Handling** : Eye wash station and safety shower should be easily accessible. Use in well ventilated area

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**National Exposure Standards** : Exposure standards have not been established.

**Biological Limit Values** : No biological limit allocated.

**Engineered Controls** : Provide adequate ventilation utilising a mechanical exhaust fan.

**Personal Protection** : In well ventilated areas, protection not normally required.

**Eye Protection** : Chemical safety goggles are recommended.



**Skin Protection** : Protection is not normally required.  
If repeated contact with material is likely suitable PVC protective clothing should be worn

**Handling** : Avoid contact with eyes.  
Use PVC gloves to minimise skin contact



## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point Closed Cup** : >250°C  
**Solubility In Water** : insoluble  
**Appearance & Odour** : A dark brown viscous liquid having a slight sulphurised odour.  
**Specific Gravity** : 0.93 @ 20°C  
**Viscosity** : 170 cSt @ 40°C  
**Flash Point** : <180°C  
**pH** : Neutral (non aqueous)

## SECTION 10 STABILITY AND REACTIVITY

|                                 |                                                           |
|---------------------------------|-----------------------------------------------------------|
| <b>Chemical Stability</b>       | : Stable under normal handling conditions                 |
| <b>Incompatibility</b>          | : Avoid contact with strong acids and bases               |
| <b>Hazardous Decomposition</b>  | : Hydrogen sulphide may form when heated to decomposition |
| <b>Hazardous Polymerisation</b> | : Will not occur under normal conditions of use           |

## SECTION 11 TOXICOLOGICAL INFORMATION

|                               |                                                                              |
|-------------------------------|------------------------------------------------------------------------------|
| <b>Toxicology Information</b> | : No data available                                                          |
| <b>Eye</b>                    | : May cause irritation by direct contact.                                    |
| <b>Skin</b>                   | : Repeated contact may cause skin irritation.                                |
| <b>Ingestion</b>              | : Harmful if swallowed. May result in gastrointestinal disorders and nausea. |
| <b>Inhalation</b>             | : Prolonged exposure may cause respiratory tract irritation.                 |

## SECTION 12 ECOLOGICAL INFORMATION

|                                     |                       |
|-------------------------------------|-----------------------|
| <b>Ecotoxicity</b>                  | No data available     |
| <b>Persistence / Degradability:</b> | Readily biodegradable |
| <b>Mobility</b>                     | No data available     |

## SECTION 13. DISPOSAL CONSIDERATIONS

|                 |                                                                                          |
|-----------------|------------------------------------------------------------------------------------------|
| <b>Disposal</b> | : Confer with your pertinent disposal regulations – local, state or federal, and comply. |
|-----------------|------------------------------------------------------------------------------------------|

## SECTION 14 TRANSPORT INFORMATION

**Not Classified as Dangerous Goods according to the criteria of the Australian Dangerous Goods Code for transport by Road or Rail.**

## SECTION 15 REGULATORY INFORMATION

|                        |   |
|------------------------|---|
| <b>Hazard Symbols</b>  | : |
| <b>Poison schedule</b> | : |

## SECTION 16 OTHER INFORMATION

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disclaimer</b> | : This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier. |
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