

# SAFETY DATA SHEET

## **1. IDENTIFICATION OF THE PREPARATION OF THE COMPANY**

1.01 SUBSTANCE NAME :SYNTHETIC OIL  
1.02 PART NUMBER :3050795  
1.03 COMPANY IDENTIFICATION :CLARKE INTERNATIONAL, HEMNALL STREET,  
EPPING, ESSEX, CM16 4LG  
1.04 EMERGENCY TELEPHONE : 01992 565300

## **2. COMPOSITION/INFORMATION ON INGREDIENTS**

2.01 Component : Hydrogenerated Hydrocarbon  
2.02 Dangerous products :-

## **3. HAZARDS IDENTIFICATION**

3.01 Classification :-  
3.02 Label :-

## **4. FIRST AID MEASURES**

4.01 General : Nothing in the normal condition  
4.02 Inhalation : Not applicable  
4.03 Skin contact : wash with water and soap  
4.04 Eye contact : Wash out with water  
4.05 Swallowing : If necessary, call for a physician

## **5. FIRE FIGHTING MEASURES**

5.01 Extinguishing means : Extinguish with spray water, carbonic acid, foam  
and powder.  
5.02 Extinguishing means, don't use : Water  
5.03 Special measures in case of fire : Use a gas mask

## **6. ACCIDENTAL RELEASE MEASURES**

6.01 Personal measures for protection : Avoid contact with the skin  
6.02 Technical measures for protection : Avoid the product entering sewage and rivers.  
6.03 Procedure in case of leakage : Collect the product as much as possible with  
mechanical means. Absorb the rest into sand or another  
inert material.

## **7. HANDLING AND STORAGE**

7.01 Special measures for transport and storage : The product is Hygroscopic. Store in a moisture  
free and cool place.  
7.02 Procedure in case of fire and explosion : Keep away from heat sources  
7.03 General conditions of storage : Store in a cool and moisture free place  
7.04 Materials allowed for packing : Stainless and mild steel, various synthetics  
7.05 Materials not allowed for packaging : Among others PVC

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.01 Dangerous component – limit value :-  
8.02 MAC/TLV value : Max 5mg/CM3  
8.03 Particular measures for protection : Nothing in the normal condition  
8.04 General protection for sanitary norms : Do not eat, drink and smoke during use  
8.05 Condition to avoid : Do not overheat the product  
8.06 Personal measures for protection : The use of safety goggles and gloves is  
recommended

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

9.01 Appearance : Liquid  
9.02 Colour : Light yellow  
9.03 Odour : Practically odourless

9.04 Vapour density (Air-1)	: Not applicable
9.05 Boiling point 760 munHG	: >200°C
9.06 Flash point	: >210°C
9.07 Auto – ignition temperature	: >350°C
9.08 pH	: Neutral
9.09 Pour point	: -30°C
9.10 Density	: 0.670gm/cm <sup>3</sup>
9.11 Solubility in water	: Negligible
9.12 Solubility in organic solvent	: Soluble in aromatic solvent
9.13 Viscosity	: ca.46mm/2s @ 40°C

## **10. STABILITY AND REACTIVITY**

10.01 Thermal decomposition	: Yes, combustion
10.02 Dangerous decomposition products	: Carbon and Nitrogen oxides, irritant gas
10.03 Dangerous reactions	: Nothing in the normal condition
10.04 Polymerisation	: Negligible
10.05 Non – combinable materials	: Oxidizing agents

## **11. TOXICOLOGICAL INFORMATION**

11.01 Acute toxicity	: LD50>2000mg/Kg (Rats Oral)
11.02 Acute dermal toxicity	: -
11.03 Eye and skin irritation	: Swift exposure – slight irritation Prolonged exposure e.g. 24 hours – moderate irritation
11.04 Other toxicology details	: -

## **12. ECOLOGY INFORMATION**

12.01 Biodegradability	: Non-biodegradable
12.02 Behaviour in water purification plants	: The product is neither insoluble in water nor produces an emulsion or a dispersion. Avoid the product getting in to a water purification plant. An oil separator is advisable.
12.03 Fish toxicity	: Up to solubility limit not fish toxic

## **13. DISPOSABLE CONSIDERATION**

13.01 Destruction	: Burn in a chemistry incinerator that has been acknowledged by the government. Directive CEE 75 / 439 & 87 / 101
13.02 Chemical for neutralisation	: Not applicable.

## **14. TRANSPORT INFORMATION**

14.01 Transport rules   ADR – RIB IMOG ICAO/IATA	: Not classified as dangerous for transport : Not classified as a marine pollutant : Not classified as dangerous for transport
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## **15 REGULATORY INFORMATION**

15.01 Delivery of dangerous materials	: EEG – No
15.02 Einecs (EEC 79/631)	: The components present in this product have been entered into the Einecs.
15.03	: Not classified as dangerous for supply use
<b>15.04</b>	: Not classified as dangerous for environment (aquatic)

## **16. OTHER INFORMATION**

16.01 For other information	: Contact details as above
16.02 Date	: 02/07/01