

**CHIP / COSHH SHEET  
ORANGE HD (Heavy Duty) CLEANER**

**1. Identification of Substance or Preparation** **Product Code: OHD**

**Product Name: ORANGE HD CLEANER**

**Company Name:** Clean and Green (GB) Limited  
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Legacy  
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**2. Composition / Information on Ingredients**

Hazardous Ingredient(s):	CAS NO:	%w/w:	Symbol:	R Phrases
Orange terpenes	8028-48-6	25-50	Xn	R10,38,65,52/53
Mono ethanolamine	141-43-5	10-25	C	R34,20/21/22
Alkylamine dicarboxylate	90170-43-7	2.5-10	Xi	R36
Fatty alcohol ethoxylate		2.5-10	Xn	R22, R41
Diethanolamine	111-42-2	2.5-10	Xn	R22,48/22,38,41
<b>Non Hazardous Ingredients:</b>				
Tall oil fatty acid	61790-12-3	10-25		
Dipropylene glycol	25265-71-8	2.5-10		
Monomethyl ethers of dipropylene glycol	34590-94-8	10-25		

**3. Hazards Identification**

**HARMFUL**

**4. First Aid Measures (Symptoms)**

Inhalation	Mist may cause irritation, dizziness
Skin Contact	May cause irritation
Eye Contact	May cause irritation, redness
Ingestion	May cause irritation to the mouth, throat and digestive tract
Additional Information	

**5. First Aid Measures (Actions)**

Inhalation:	Remove to fresh air. Keep warm and at rest. In severe cases seek medical help
Skin Contact:	Immediately remove all contaminated clothing. Wash immediately with soap and water
Eye Contact:	In case of contact, flush immediately with plenty of water for at least 10 – 15 minutes. Obtain medical attention
Ingestion:	Do not induce vomiting. Wash out mouth with water
Additional Information:	Always launder contaminated clothing before re-use

## 6. Fire Fighting Methods

Extinguishing

Media: Carbon dioxide, dry powder, alcohol resistant foam

Fire Fighting

Protective: Full protective equipment including self contained breathing apparatus

## 7. Accidental Release Measures

Caution:

Spillages could prove slippery  
Absorb large spillage with sand or absorbent  
Transfer to a suitable container for disposal  
Dispose of under Local Authority Guidelines  
Small spillage - flush away with water  
Avoid washings entering water courses

## 8. Handling & Storage

Handling:

Avoid contact with skin and eyes

Storage:

Keep in original containers  
Keep tightly closed when not in use  
Do not store below 5°C or above 30°

## 9. Exposure Controls / Personal Protection

Hazardous Ingredient(s)

LTEL (8Hr TWA)  
ppm mg m – 3

STEL (15 mins)  
ppm mg m – 3

Respiratory Protection:

EN141 or EN405, Type A

Hand Protection:

Nitrile gloves

Eye Protection:

Goggles

Skin Protection:

Overalls

## 10. Physical & Chemical Properties

<b>Form:</b>	Liquid	<b>Colour:</b>	Orange/Brown
<b>Odour:</b>	Characteristic	<b>pH (Value)</b>	10-11
<b>Boiling Point</b>	Not Available	<b>Melting Point</b>	Not Available
<b>Flash Point:</b>	Not Available	<b>Flammable Limits</b>	Not Available
<b>Auto Ignition Temp.</b>	Not Available	<b>Oxidising Props.</b>	Not Available
<b>Vapour Pressures</b>	Not Available	<b>Density (g/ml)</b>	0.965
<b>Solubility (water)</b>	Soluble	<b>Solubility (other)</b>	Not Available
<b>Partition Coefficient</b>	Not Available	<b>Pour Point (Deg C)</b>	Not Available
<b>Viscosity</b>	Not Available		

## 11. Stability & Reactivity

Conditions to Avoid	Extremes of temperature and sources of ignition
Materials to Avoid	Oxidising agents
Hazardous Reactions	Burning produces oxides of carbon and acrid smoke

## 12. Toxicological Information

Inhalation	High concentrations of vapour may irritate mucous membranes
Skin Contact	May cause severe irritation
Eye Contact	Will cause irritation
Ingestion	May cause irritation to the mouth and throat. May cause lung damage if aspirated during vomiting May also cause nausea

## 13. Ecological Information

Biodegradable	Contains biodegradable material
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## 14. Disposal Considerations

Dispose of in accordance with Local Authority Guidelines and Regulations

## 15. Transport Information

UN No:	IMDG:	CAO / IATA:	ADR:
Proper Shipping Name:		Marine Pollutant:	

## 16. Regulatory Information

Hazardous Ingredients(s): EEC Classification: **Harmful**  
 Hazard Symbol: **Xn**  
 Risk Phrases: **R65 Harmful: may cause lung damage if swallowed, R36 Irritating to the eyes.**  
 Safety Phrases: **S2 Keep out of the reach of children, S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, S28 After contact with skin, wash immediately with plenty of water, S36/37/39 Wear suitable protective clothing, gloves and eye/face protection, S60 This material and its container must be disposed of as hazardous waste, S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label, S24/25 Avoid contact with skin and eyes.**

## 17. Other Information

This product is designed to be used as a Heavy Duty Carbon Remover and Industrial Cleaner.

The information in this Safety Data Sheet is based upon knowledge available at the time of compilation. It is intended to describe the product only in terms of Health & Safety requirements. It does not signify any warranty with regard to specific properties or specifications.