



SAFETY DATA SHEET

THE CARBON UV PROTECTOR

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Product name: THE CARBON UV PROTECTOR

Product Code: KLEERS0086

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2. HAZARDS IDENTIFICATION

Main Hazards: Harmful, may cause lung damage if swallowed
Flammable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name: ALKANES, C9-12-ISO

CAS Number: 90622-57-4

Content: 60-100%

Smybol: Xn

Risks: R10, R65

Notes: The full text for all R-phrases are shown in section 16

4. FIRST AID MEASURES

Skin Contact: Remove affected person from source of contamination.
Remove contaminated clothing. Wash the skin immediately with soap and water.
Get medical attention promptly if symptoms occur after washing.

Eye Contact: Remove victim immediately from source of exposure.
Make sure to remove any contact lenses from the eyes before rinsing.
Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes and get medical attention.

Ingestion: Do not induce vomiting. Never make unconscious person vomit or drink fluids
Remove victim immediately from source of exposure. Drink plenty of water.
Get medical attention immediately! Provide rest, warmth and fresh air.

Inhalation: Move the exposed person to fresh air at once. Get medical attention.
Provide rest, warmth and fresh air.
When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Fire fighting procedures: Self-contained breathing apparatus should be worn.
Use special protective clothing. Regular protection may not be safe.

Unusual Fire / Explosion Hazards: Vapours are heavier than air and may spread near ground to sources of ignition.

Hazardous combustion products: Carbon dioxide (CO₂). Carbon monoxide (CO)

6. ACCIDENTAL RELEASE MEASURES

Personal Precaution: Refer to Section 8 of SDS for personal protection details.

Spill Clean up methods: Absorb in vermiculite, dry sand or earth and place into containers.
Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE

Usage precautions: Avoid spilling, skin and eye contact. Ventilate well and avoid breathing vapours.
Use approved respirator if air contamination is above accepted level.

Storage precautions: Keep in cool, dry, ventilated storage and closed containers.
Keep in original container. Avoid heat, flame or strong oxidants.
Ensure adequate ventilation.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredient name: THE CARBON UV PROTECTOR

CAS number:

STD:

LT Exp. 8Hrs: 1200 mg/m³ 10h TWA

ST Exp. 15 mins:

Ingredient comments: OES + Occupational Exposure Standard

Protective equipment: Wear protective rubber gloves & safety goggles

Ventilation: Provide adequate general and local exhaust ventilation.

Respirators: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

Protective gloves: Use protective gloves.

Eye protection: Wear approved safety goggles

Other protection: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygienic work practices: NO SMOKING
Wash at the end of each shift and before eating, smoking and using the toilet.
Promptly remove any clothing that becomes contaminated.
Wash promptly with soap and water if skin becomes contaminated.
Use appropriate skin cream to prevent drying of skin.
No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Colour: Yellow, Transparent.

Odour / taste: Solvent. Slight.

Solubility description: Insoluble in water

Boiling Point (C, interval): 178 – 188

Melt/freezing point (C, interval): <-25

Density/Specific gravity (g/ml): 0.76

Flash point (degrees C) 53

Flammability limit - Lower (%) 1.3

Flammability limit - Upper (%) 9.8@ 25degrees C

10. STABILITY AND REACTIVITY

Stability: Normally stable.

Conditions to avoid: Avoid heat, flames and other sources of ignition.
Avoid contact with acids and oxidising substances.

Materials to avoid: Avoid caustic soda, caustic potash and other oxidising materials.

Haz. Decomp. Products: Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO) and Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Inhalation: Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary edema

Skin: Prolonged or repeated contact may irritate and cause dermatitis.

Eyes: Irritating, but does not injure eye tissue

Health warnings: INHALATION:
Prolonged inhalation of high concentrations may damage respiratory system.

SKIN CONTACT:
Acts as a defatting agent on skin. May cause cracking of skin and eczema.
Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT:
May cause severe irritation to eyes.

INGESTION:
May cause headaches and dizziness. The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

Target organs: Skin. Eyes. Respiratory system. Lungs.

12. ECOLOGICAL INFORMATION

Ecological information: Based upon data for a similar substance or estimated data.
This substance has low solubility, floats and can migrate from water to the land.
This substance has a potential to partition to the sediment.
This substance has a potential to bio-concentrate.

Degradability: Based upon data for a similar substance or estimated data.
This substance does not biodegrade rapidly due to its low water solubility but is "inherently" biodegradable according to OECD guidelines.
This substance can degrade rapidly in air.

Acute fish toxicity: Based on data for a similar substance or estimated data.
No acute toxicity to aquatic organisms is expected at the maximum water solubility of this material.
Long term adverse effects to aquatic organisms are not expected.

13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of in accordance with regional or national authority regulations

14. TRANSPORT INFORMATION

Label for conveyance:

**ROAD TRANSPORT:**

UN No. : 1268
ADR Class: Class 3 : Flammable Liquids
ADR Item No. : 3,31C
Hazard No. (ADR) 30 Flammable liquid (flash-point between 23C and 61C inclusive) or flammable liquid or solid in the molten state with a flash-point above 61C, heated to a temperature equal to or above its flash-point, or self heating liquid.
CEFIC TEC® No. : 30G35
Proper shipping name: PETROLEUM DISTILLATES. Liquid, Combustible liquid, UN 1268, III.

RAIL TRANSPORT:

RID Class 3.3

SEA TRANSPORT

UN No. Sea: 1268
IMDG Class: 3
IMDG Page No. : 3352
IMDG Pack Group: III
MFAG Table No: 310
Marine Pollutant: No

AIR TRANSPORT

UN No. : 1268
ICAO Class: 3
Air Pack Group: 310

15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



Risk phrases: R-10 Flammable
R-65 Harmful: may cause lung damage if swallowed.

Safety phrases: S-23 Do not breathe gas/fumes/vapour/spray.
S-51 Use only in well ventilated areas.
S-60 This material and its container must be disposed of as hazardous waste.
S-62 If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label.

ENVIRONMENTAL LISTING: Rivers (Prevention of Pollution) Act 1961.
Control of Pollution (Special Waste Regulations) Act 1980.

EU DIRECTIVES: System of specific information relating to Dangerous Preparations. 91\155.

STATUTORY INSTRUMENTS: Chemical (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE: Classification & Labelling of Substances and Preparations Dangerous for Supply

GUIDANCE NOTES: Occupation Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
CHIP for everyone HSG(108).

16. OTHER INFORMATION

R-phrases (full text): R10 Flammable
R65 Harmful, may cause lung damage if swallowed

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