



P260 - SECURITY CARD FLUSHING ENGINES

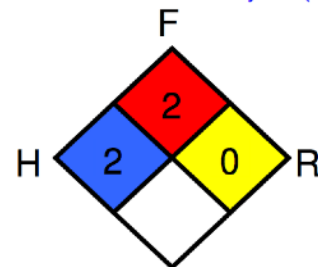
1 - IDENTIFICATION

Product code	P260
Trade name	Engine and hydraulic lifter cleaner
Product identification	Complex substance for the maintenance of Engines
Manufacturer	CARRIBEAN PETROLEUM INDUSTRY Imm. Privalis – 19 Fbg Alexandre Isaac
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2 - HAZARDS IDENTIFICATION

Flammable
Harmful by inhalation and in contact with skin
Irritating to eyes and skin
Harmful: may cause lung damage if swallowed
Toxic to aquatic organisms, may cause long-term
Adverse effects in the aquatic environment

Hazardous Material Information System(U.S.A.)



Health (H) Flammability (F)
Reactivity (R) in scale 0 (not
hazardous) till 4 (extremely
hazardous).

3 – COMPOSITION/INFORMATION ON INGREDIENTS

► Hazardous ingredients :

Ingredient name	CAS-Num	EINECS-No	Concentration %(w/w)	Classification
Benzene trimethyl isomers	25551-13-7	247-099-9	30 %	R10,R20, R36/37/38,R51/53, Xn,N
Benzene ethyl methyl isomers	25550-14-5	247-093-6	4.0%	
Benzene propyl isomers	-----	-----	5.0%	R10,R37,R51/53, R65, Xn,N
p-isopropyltoluene	99-87-6	202-796-7	0.3%	R10,R36/37/38
Xylenes	1330-20-7	215-535-7	0.7%	R10,R20/21,R38, Xn
Naphtha (petroleum), Hydrodesulfurized lourd	64742-48-9	265-150-3	35.0%	R65, Xn

(See full text of R-phrases in chapter 15.)

— 4 – FIRST AID MEASURES —

Symptoms: Irritating to eyes, respiratory system and skin.

Possible symptoms: Headaches, dizziness and nausea.

In high concentrations may cause confusion, unconsciousness and rarely convulsions.

Skin contact: Immediately remove contaminated clothing and shoes unless stuck to the skin. Rinse with large amounts of water and soap for at least 10 minutes. Get medical attention.

Eyes contact: Rinse opened eyes under running water for at least 15 minutes. Refer to medical attention.

Ingestion: Do NOT induce vomiting. If victim is conscious, give three cups of water. Refer for medical attention immediately. Never give anything by mouth to an unconscious person.

Inhalation: Evacuate victim from site of exposure. Keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

— 5 – FIRE-FIGHTING MEASURES —

Flammability: Flammable

Suitable extinguishing media: Foam, dry chemicals, CO₂

Extinguishing media that must not be used for safety reasons: high volume water jet Cool down containers exposed to heat with water spray/fog.

In case of fire, use full protective gear and a self-contained breathing apparatus.

— 6 – ACCIDENTAL RELEASE MEASURES —

Wear full protective clothing.

Evacuate personnel.

Highly flammable liquid!

Eliminate all sources of ignition.

Stop the leaking if you can do so without risk.

Absorb the chemical onto sand, vermiculite, or any other non-combustible absorbent, and scoop into containers for later disposal according to local regulations.

Prevent the product from spreading into the environment.

Prevent product from entering the sewage system and water sources.

Prevent product from entering the sewage system and water sources.

7 – HANDLING AND STORAGE

Keep away from incompatible materials (see section 10).

Combustible liquid, Keep away from flame, sparks, static electricity, friction or any other heat source that may cause ignition. In areas of storage and use, it is advisable that the electrical system will be adjusted to working in an explosive atmosphere.

► Safety instructions :

Keep away from sources of ignition—No smoking. Keep away from heat.

Do not breathe gas/fumes/vapors/ spray.

Avoid contact with skin and eyes.

Keep only in the original container in a cool, well-ventilated place away from incompatibles.

Incompatibles: Oxidizing agents and acids

Do not store in plastic containers.

Store under 40°C (104°F)

Materials and containers suitable: Stainless steel, Carbon steel

8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

► Personal Protective equipment :

- Generally, personal protection is a function of exposure.
- It is recommended to use working shoes, working clothes or lab coat.
- Working should be done in a well-ventilated area.
- In addition: chemical safety goggles, gloves, mask and filter.
- Respiratory protection: Vapor respirator.
- Be sure to use an approved/certified respirator or equivalent.
- Wear appropriate respirator when ventilation is inadequate.
- In case of an emergency: Full protective gear and a self-contained breathing apparatus should be used, according to the severity.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Form: **liquid**

Color: **Clear yellowish**

Odor: **aromatic hydrocarbon**

Initial boiling point: **142 °C** (287 °F)

Density g/cm³ (15 °C): **0.82**

Solubility (in water) : **Negligible**

Flash point : **40°C** (105 °F)

10 – STABILITY AND REACTIVITY

Hazardous polymerization: Will not occur

Chemical reactivity: Stable under normal conditions

Materials and conditions to avoid: Keep away from oxidizing agents, acids, heat, flame and sources of ignition.

Hazardous decomposition products: On fire emits oxides of nitrogen, oxides of sulfur, toxic and irritating fumes.

11 – TOXICOLOGICAL INFORMATION

► Threshold values :

1,2,4-Trimethylbenzene

LD50(oral rate) 5000 mg/kg

LD50(Inhalation, rate) 18000 mg/m³/4 H

Admitido-Trimetilbenceno

LD50(oral rate) 5000 mg/kg

LD50(Inhalation, rate) 24000 mg/m³/4 H

Isopropilo benceno

LD50(oral rate) 1 400 mg/kg

LD50(Inhalation, rate) 39000 mg/m³/4 H

n-Propylbenzene

LD50(oral rate) 6040 mg/kg LD50(Inhalation rat) ppm 65000 à 2 H

p-isopropyltoluene

LD50(oral rate) 4750 mg/kg

Xylene

LD50(oral rate) 4 300 mg/kg

LC50(inhalation, rate) 5000 ppm (4 H)

LD50(oral mouse) 2119 mg/kg

IDLH: (Immediately Dangerous to Life and Health) :

900 ppm (Xylene)

Potencial cancerígeno :

Xylene

IARC-GROUPE 3: Unclassifiable as to carcinogenic to humans.

EPE-GROUPE D: Not classified.

ACGIH A4 : Not classifiable as a Human Carcinogen.

12 – ECOLOGICAL INFORMATION

This is a preparation and environmental assessment based on component data and that of similar product.

Mobility: A hydrocarbon solvent of this preparation is relatively volatile and will evaporate from water and soil over the course of a few days.

Degradability: The product is expected to be partially or slowly biodegradable.

Ecotoxicity: Toxic to aquatic organisms, long term adverse effects to aquatic organisms are possible if continuous exposure maintained.

13 – DISPOSAL CONSIDERATIONS

Generadores de residuos químicos deben determinar si se clasifica un producto químico como un residuo peligroso. Las directivas US EPA para la determinación de clasificación están en el índice 40 CFR partes 261.3.

14 – TRANSPORT INFORMATION

Land transport: Railway/road according to ADR/RID

Class	3
Packing group	III
Proper shipping name	1268 PETROLEUM PRODUCTS, N.O.S
UN recommendations	UN 1268 class: 3
Proper shipping name	PETROLEUM DISTILLATES, N.O.S or PETROLEUM PRODUCTS, N.O.S
Packing group	III
Label	“FLAMMABLE LIQUIDS”; (ORANGE BOOK 13) HAZCHEM : 3Y

Sea Transport

IMDG	
UN Number	UN 1268
Marine pollutant	P
EmS	3-07
Packing group	III
Proper technical name	PETROLEUM DISTILLATES, N.O.S

Air Transport

Class	3
Packing group	III
Proper technical name	PETROLEUM DISTILLATES, N.O.S

15 – REGULATORY INFORMATION

► Indication(s) of Danger and Symbol(s):

R-phrases :	
R10	flammable
R20	Harmful by inhalation
R36/37/38	Irritating to eyes, respiratory system and skin
R51/53	Toxic to aquatic organisms may cause long-term adverse effects in the environment
R65	Harmful: may cause lung damage if swallowed

S-phrases :	
S23	Do not breathe vapor
S24/25	Avoid contact with skin and eyes
S61	Avoid release to the environment. Refer to special instructions/Safety data sheets
S62	If swallowed do not induce vomiting: seek medical advice immediately and show this container or label

16 – OTHER INFORMATION

Date of issue: 6TH March 2007

Version no. 1

The information herein is based on the present state of our knowledge. It is believed to be correct but is not necessarily all-inclusive and shall be used only as a guide. CARIBBEAN PETROLEUM INDUSTRY shall not be held liable for any damage resulting from handling or from contact with the above product. For further information, contact CARIBBEAN PETROLEUM INDUSTRY.