



Degreaser Extra P-60

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Revision date: 12-8-2014 version: 7.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Degreaser Extra P-60
 Product code : 70000
 Type of product : Mixture of hydrocarbons

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Professional use
 Use of the substance/mixture : Degreaser / cleaner

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

MPM International Oil Company
 Cyclotronweg 1
 2629 HN Delft - Nederland
 T +31 (0)15 2514030 - F +31 (0)15 2514031
info@mpmoil.nl - www.mpmoil.nl

1.4. Emergency telephone number

Emergency number : +31 (0)15 2514030 (08.00 - 17.00)

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Centre Hospitalier Universitaire de Constantine	Avonley Road SE14 5ER London	0870 243 2241	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315
 Aspiration hazard, Category 1 H304
 Hazardous to the aquatic environment H411
 — Chronic Hazard, Category 2

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.
 Irritating to skin.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS08

GHS09

GHS07

CLP Signal word : Danger.
 Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways
 H315 - Causes skin irritation
 H411 - Toxic to aquatic life with long lasting effects
 Precautionary statements (CLP) : P264 - Wash hands thoroughly after handling
 P273 - Avoid release to the environment
 P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician

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P332+P313 - If skin irritation occurs: Get medical advice/attention
P331 - Do NOT induce vomiting
P405 - Store locked up
P501 - Dispose of contents/container to officially registered waste disposal company

2.3. Other hazards

Other hazards not contributing to the classification : Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis. This material can accumulate static charge by flow or agitation and can be ignited by static discharge. Vapours can travel considerable distances to a source of ignition where they can ignite, flash back, or explode.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Kerosine (petroleum), hydrodesulfurized, Kerosine - unspecified, [A complex combination of hydrocarbons obtained from a petroleum stock by treating with hydrogen to convert organic sulfur to hydrogen sulfide which is removed. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).]	(CAS No) 64742-81-0 (EC No) 265-184-9 (EC Index No) 649-423-00-8	> 50	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Oleylamine ethoxylaat	(CAS No) 26635-93-8 (EC No) 500-048-7	< 2,5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General : In all cases of doubt, or when symptoms persist, seek medical attention.
After inhalation : Take victim to fresh air, in a quiet place and if necessary take medical advice. In case of unconsciousness place in unconscious position and seek medical advice.
After skin contact : Wash with plenty of soap and water. Change contaminated clothing. Wash contaminated clothing before reuse.
After eye contact : In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. If irritation persists, consult a specialist.
After ingestion : Do NOT induce vomiting. Get immediate medical advice/attention. Let water be swallowed in little sips (dilution effect).

4.2. Most important symptoms and effects, both acute and delayed

After inhalation : Vapours may cause drowsiness and dizziness.
After skin contact : Contact during a long period may cause light irritation.
After eye contact : Eye irritation.
After ingestion : Harmful: may cause lung damage if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed

In the case of lung irritation: Primary treatment using corticoide spray, eg. Auxilison spray, Pulmicort-dosage-spray. (Auxilison and Pulmicort are registered trademarks).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Extinguishing materials should be selected according to the surrounding area. Carbon dioxide (CO2). Sand. Powder. Foam.
Unsuitable extinguishing media : High power water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard : On heating/burning: release of (highly) toxic gases/vapours e.g.: carbon monoxide - carbon dioxide.

5.3. Advice for firefighters

Precautionary measures fire : Do not enter fire area without proper protective equipment, including respiratory protection.

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Firefighting instructions	: Do not use water jet.
Protection during firefighting	: In case of fire: Wear self-contained breathing apparatus.
Other information	: Use water spray/stream to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Do not breathe vapour or spray. Avoid contact with skin and eyes. Provide adequate ventilation.

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing and eye/face protection. Gloves.

Emergency procedures : In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

6.1.2. For emergency responders

Protective equipment : Wear respiratory protection.

6.2. Environmental precautions

Do not release in groundwater, surfacewater or sewerage. Do not allow to enter into soil/subsoil. In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean up with absorbent material (for example sand, sawdust, neutral absorbent granule, silica gel).

Other information : Can be slippery on hard, smooth walking area.

6.4. Reference to other sections

Information on disposal - see Section 13. Information on personal protective equipment - see Chapter 8. Information on safe handling - see Section 7.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Heavier than air, vapours may travel long distances along ground, ignite and flash back to source.

Precautions for safe handling : Take precautionary measures against static discharge. Avoid aerosol formation. Use for bottling, transfer, proportioning and sampling if possible: Closed devices. Both local exhaust and general room ventilation are usually required.

Hygiene measures : When using do not eat, drink or smoke. Avoid all unnecessary exposure. Wash hands before breaks and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep only in the original container in a cool, well-ventilated place.

Storage area : Keep container tightly closed in a cool, well-ventilated place.

Packaging materials : Suitable material for Container: Stainless steel. polyethylene. Unsuitable materials for Container: Butyl rubber.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Technical measures:

Use only in well-ventilated areas. Use explosion-protected machinery, apparatus, suction equipment, appliances etc.

Personal protective equipment:

Safety glasses. Gloves.

Materials for protective clothing:

Type of chemical protective gloves to choose depends on the concentration and quantity of dangerous substances as well as on work place specifications. Suitable material: NBR (Nitrile rubber). PVA (Polyvinyl alcohol). PVC (Polyvinyl chloride)

Hand protection:

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Risk of skin contact: Wear suitable gloves

Eye protection:

Safety glasses

Skin and body protection:

Overall

Respiratory protection:

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn. Suitable respiratory protective equipment: Full-/Half-/Quarter-Masks (DIN EN 136/140). filter respirator (full mask or mouth-piece) with filter: type A



Other information:

The usual precautions for handling chemicals should be observed. Remove/Take off immediately all contaminated clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: orange.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: < 0 °C
Freezing point	: No data available
Boiling point	: > 100 °C 1013 hPa
Flash point	: > 63 °C
Auto-ignition temperature	: > 250 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: < 5 hPa 20C
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 800 g/l
Solubility	: Water: emulsifiable
Log Pow	: < 3
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content : 792 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling- and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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10.4. Conditions to avoid

This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

10.5. Incompatible materials

Strong oxidizing agent.

10.6. Hazardous decomposition products

On burning: release of harmful/irritant gases/vapours e.g.: carbon monoxide - carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Degreaser Extra P-60	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified (No indications of human germ cell mutagenicity exist)
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified (This substance does not meet the criteria for classification as CMR category 1 or 2)
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Additional information	: Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc
Aspiration hazard	: May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

General	: Some of the components are biologically degradable with difficulty.
Ecology - water	: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

Degreaser Extra P-60	
Persistence and degradability	Not soluble in water, so only minimally biodegradable.

12.3. Bioaccumulative potential

Degreaser Extra P-60	
Log Pow	< 3
Bioaccumulative potential	No indication of bio-accumulation potential.

12.4. Mobility in soil

Degreaser Extra P-60	
Soil	No data available.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Waste disposal according to official state regulations.
Waste treatment methods	: Hand over to officially registered waste disposal company. Contaminated packing must be completely emptied and can be re-used following appropriate cleaning. Handle contaminated packaging in the same way as the substance itself.



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SECTION 14: Transport information

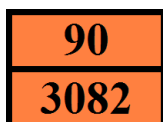
In accordance with ADR / IMDG

ADR	IMDG
14.1. UN number 3082	3082
14.2. UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport document description UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((contains kerosene-hydrogen treated, oleylamine ethoxylaat)), 9, III, (E)	
14.3. Transport hazard class(es) 9	9
	
14.4. Packing group III	III
14.5. Environmental hazards Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes
No supplementary information available	

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : M6
Limited quantities (ADR) : 5I
Transport category (ADR) : 3
Hazard identification number (Kemler No.) : 90
Orange plates :



Tunnel restriction code (ADR) : E
EAC code : •3Z

- Transport by sea

Limited quantities (IMDG) : 5 L
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-F

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

VOC content : 792 g/l

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

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SECTION 16: Other information

Indication of changes:

	Limited quantities (IMDG)	Added	
	Excepted quantities (IMDG)	Added	
	EmS-No. (Spillage)	Added	
	EmS-No. (Fire)	Added	
	Revision date	Modified	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.2	Hazard pictograms (CLP)	Modified	
2.2	Precautionary statements (CLP)	Modified	
2.2	Hazard statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	
14.6	Limited quantities (ADR)	Added	

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H226	Flammable liquid and vapour
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

SDS MPM REACH

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product