



SAFETY DATA SHEET

pursuant to Regulation EC No. 1907/2006

Trade Name: MOGUL TRAKTOL STOU

Date of Issue: 2008-09-05

Date of Change: -

1. IDENTIFICATION OF SUBSTANCE OR PREPARATION AND IDENTIFICATION OF COMPANY OR ENTERPRISE

1.1 Identification of Substance or Preparation:

Trade Name:

MOGUL TRAKTOL STOU

Chemical Name: preparation

1.2 Application of Substance or Preparation:

Motor oil.

1.3 Identification of Company or Enterprise:

Firm Name: PARAMO, a.s.

Registered Office: Přerovská 560, 530 06 Pardubice

Identification Number: 48173355

Telephone: +420 466 810 111

Fax: +420 466 335 019

Person Responsible for the Safety Data Sheet: ladislava.vichova@paramo.cz (+420 466 810 362)

www.paramo.cz

1.4 Telephone Numbers in case of Emergency:

Control room of PARAMO, a.s.: +420 466 303 175, +420 321 750 401

Toxicology Information Centre in Prague, tel.: +420 224 919 293

TRINS (Transportation Information and Emergency System) tel. +420 476 709 826

2. RISK IDENTIFICATION

Under Act N. 356/2003 Coll., as amended, this product is under classification as a dangerous product.

Classification: harmful to the environment

Symbol: not stated

R-sentence: 52/53

Flammable liquid: The risk of fire occurs in the event of overheating above the temperature of the fire point.

The common use of this product does not present any health risks.

Prolonged, or frequently repeated exposure to this product may cause eye and skin irritation.

The inhalation of oil mist may irritate the breathing passages.

Harmful to aqueous species. May cause lasting adverse effect in the aqueous environment.

3. COMPOSITION OR INFORMATION ABOUT COMPONENTS

3.1 Components (chemical substances) of Preparation with dangerous properties

Name of chemical substance	Content of chemical substance in product in %	EC No.	CAS	Symbols	R-Phrase
Dithiophosphoric acid, O,O-di C1-14 alkyl ester, zinc salt	< 3	272-028-3	68649-42-3	Xi, N	38-51/53
Alkylphenol	< 0.2	310-154-3	-	Xi, Xn, N	38-62-50/53
Alkylphosphit	< 0.2	202-908-4		Xi, Xn, N	22-36/38-50/53
Mineral (base) oils	Exposure limits see Article 8.1.				

Note: The base, highly refined mineral oils used in these products contain less than 3 % of the DMSO extract according to IP 346. Within the intention of note L in the list of classified products, they are not classified as dangerous substances.



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3.2 Information about PBT

According to criteria in Annex XIII. of EC Regulation this product does not contain persistent substances, bio-cumulative substances and toxic substances or highly persistent substances or bio-cumulative substances.

4. FIRST AID INSTRUCTIONS

4.1 General Instructions

When handling the product observe work hygiene. Contaminated clothes and shoes must be taken off immediately.

4.2 Exposure by inhalation

If aerosol is inhaled, take the exposed person out to the fresh air.

4.3 Contact with skin

If the skin comes into contact with the product, wash the affected area thoroughly with water and soap and treat with a suitable cream.

4.4 Contact with eyes

Keep on rinsing the eyes with a current of, if possible, lukewarm water for at least 15 minutes.

4.5 Ingestion

Rinse out mouth by water, do not produce vomiting.

5. FIRE CONTROL

5.1 Appropriate extinguishers: Extinguishing powder, extinguishing foam, CO₂, etc.

5.2 Inappropriate extinguishers: Water stream.

5.3 Special hazard: Products of combustion and hazardous gases: smoke, carbon monoxide, carbon dioxide.

5.4 Special protective means for firemen: Intervention units exposed to smoke or gases must be equipped with protective means to protect the respiratory system and eyes. It is necessary to use an insulating respirator in case of intervention in closed rooms.

6. MEASURES IN CASE OF ACCIDENTAL RELEASE

6.1 Preventive measures to protect human health

Prevent the contamination of clothes and shoes with the product as well as contact with the skin and eyes. Use suitable protective clothes and if contaminated, replace the clothes as soon as possible. All persons, who do not participate in rescue operation, must stay in adequate distance.

6.2 Preventive measures to protect environment

Prevent the spread of the released substance as well as the contamination of the sewerage, underground and surface water and soil, ideally by marking off the possible spread area. In the case of release, notify relevant authorities.

6.3 Recommended methods of cleaning and disposal

In the event of substantial accidental release, localize and – if possible – pump away the product or remove it mechanically. Let its residues or smaller amounts solidify or get absorbed by a suitable absorbing agent (Vapex, Chezacarb, saw dust, sand) and place them in appropriate, properly marked containers to be handed over for liquidation in accordance with valid waste-regarding laws.

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7. MANIPULATION AND STORAGE

7.1 Manipulation

The building must be equipped in accordance with the respective ČSN 75 3415 standard. It can be heated only indirectly with a heating medium to a maximal temperature of 60 °C. When handling heavy packaging, use appropriate handling means. Prevent the spill of the product – risk of slipping.

7.2 Storage

Store in properly sealed packaging in a place protected from rain, dust, heat and other weather conditions. The maximum storage temperature is 40 °C.

7.3 Specific use: Motor oil.

8. LIMITATION OF EXPOSURE / PERSONAL PROTECTIVE MEANS

8.1 Limit exposure values

PEL	mineral oils (aerosol): 5 mg/m ³
NPK-P	mineral oils (aerosol): 10 mg/m ³

8.2 Limitation of exposure

Observing the general safety and hygienic means, do not eat, do not drink and do not smoke. After washing skin by warm water and soap use a regeneration cream as protection.

8.2.1 Limitation of exposure of workers

Official Bulletin L 399, 30.12.1989 – amended by EC Regulation No. 1883/2003.

Protection of the respiratory system: not necessary unless concentration of vapour in air exceeds the concentration limits. In case of exceeding the concentration limits or in case of production of aerosol it is necessary to use a protective mask with A filter, AX (brown) filter or another appropriate type protecting against organic gases and vapour of organic substances.

Protection of hands: protective gloves resistant to oil, the best from nitrile or neoprene rubber. Improper material – leather or thick cloth.

Protection of eyes: protective glasses or a protective shield.

Protection of skin: working cloths, improper material – thick cloth.

Other data: not stated

8.2.2 Limitation of exposure of environment

See Item 2.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General Data

State at 20 °C:	liquid
Colour:	brown
Odour (smell):	characteristic, of crude oil

9.2 Important information with respect to the protection of health, safety and environment

Density (at 15 °C):	874 kg/m ³
Boiling-point range:	not stated
Inflammation point OK:	above 210 °C
Fire point:	above 250 °C

Concentration limit of explosibility: under usual conditions it does not produce explosive vapours

Water solubility:	Insoluble
Kinematic viscosity at 100 °C:	9.8 - 12.2 mm ² /s
n-octanol/water distribution coefficient:	not determined

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9.3 Other data

Vapour pressure (at 20 °C): < 0,01 kPa

Ignition temperature: above 360 °C

Liquidity point: -27 °C

10. STABILITY AND REACTIVITY

The product is stable if handled, stored and used as prescribed.

10.1 Conditions to be avoided

Heating-up to high temperature, occurrence of sources of ignition, contact with open fire.

10.2 Materials to be avoided

Strong oxidation agents.

10.3 Dangerous products from decomposition

In the event of overheating, or during burning accompanied by a lack of air carbon monoxide may become produced.

11. TOXICOLOGY INFORMATION

Oral toxicity LD₅₀ (rat) > 2 000 mg/kg

Dermal toxicity (rat) > 2 000 mg/kg

LC₅₀ it is not known

Irritation of skin: The product is not considered as irritating skin. In case of long-term exposure it can cause irritation.

Irritation of eyes: The product is not considered as irritating eyes.

Sensibilization: Based on the available experience, it does not have sensitizing effects.

Carcinogenic effects: not expected

Mutagenic effects: not expected

Toxicity for reproduction: not expected

Sub-chronic – chronic toxicity: it is not known

12. ECOLOGICAL INFORMATION

12.1 Ecological toxicity

Acute toxicity for water environment: not determined, not anticipated

Toxicity for soil organisms: not determined.

12.2 Mobility: Not expected.

12.3 Persistence and dissolubility: Insoluble in water, persistence in organisms is not expected.

Biological dissolubility (CEC-L-33-A-93): low

12.4 Bio-cumulative potential: Not indicated. Based on the value of log P o/w in similar products this potential can be expected to be very low.

12.5 Results of PBT evaluation: See Article 3.2.

12.6 Other adverse reactions: Creation of a film on the surface prevents oxygen supply to water.

13. INSTRUCTIONS FOR LIQUIDATION

Methods of disposal of liquid: Waste or unused reminders must be delivered to a person authorized to disposal of waste pursuant to Act N. 185/2001 Coll., on Waste, for the purpose of use or disposal (according to instructions from the manufacturer).

Waste code: N 130205, at sorbent: N 150202

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Methods of disposal of contaminated packages: Used, properly emptied packaging should be returned to an organization that collects dangerous waste. Packaging containing product residues should be handed over to a person authorized to handle waste in a place designated by authorities.

Legal regulations about waste: Act N. 185/2001 Coll., on Waste, as amended, and relevant implementation public notices and regulations.

14. INFORMATION FOR TRANSPORTATION

LAND (ADR/RID): Not Regulated for Land Transport

INLAND WATERWAYS (ADNR): Not Regulated for Inland Waterways Transport

SEA (IMDG): Not Regulated for Sea Transport according to IMDG-code

AIR (IATA): Not Regulated for Air Transport

15. INFORMATION ABOUT REGULATIONS

15.1 Classification and marking pursuant to Act N. 356/2003 Coll., as amended.

Symbol: not stated

Indication of danger: harmful to the environment

Contents: sulphon Ca – may induce an allergic response

R-Phrase: 52/53

S-Phrase: 61

16. OTHER INFORMATION

16.1 List of R-Phrase and S-Phrase (Article 3.1 + Article 15.1)

16.1.1 Standard phrase marking a specific risk degree (R-Phrase)

R 22 Harmful if swallowed.

R 36/38 Irritating to eyes and skin.

R 38 Irritating to skin.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 62 Possible risk of impaired fertility.

16.1.2 Standard instructions applicable to safe handling (S-Phrase)

S 61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Instructions for training: Not necessary.

Recommended limited use: Not stated.

16.2 Information about other legal regulations

16.2.1 Act N. 86/2002 Coll., on Air Environment, as amended.

The product does not represent a volatile organic substance pursuant to Act N. 86/2002 Coll., as amended, and relevant regulations of the Ministry of Environment.

16.2.2 ČSN 65 0201 Flammable liquids – Premises for production, storage and manipulation.

According to ČSN 65 0201 the product is included into IV. class of flammability.

16.2.3 ČSN 33 0371 Inexplosive electrical installation – explosive mixtures – Classification and methods of testing

According to ČSN 33 0771 the product was included into the temperature class T2.

16.2.4 ČSN 75 3415 Protection of water against oil substances and their storage. Objects designed for manipulation with oil and their storage.

16.2.5 Government decree No. 178/2001 Coll., as annotated, that defines conditions for the health of workers at work, including the limits of PEL and NPK (see article 8).

16.2.6 Act N. 356/2003 Coll., as amended by Act N. 434/2005 Coll., on Chemical Substances and Chemical Preparations, and on amendments of some Acts.



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16.2.7 Act N. 258/2000 Coll., on Protection of Public Health, as amended.

16.3 Information about changes

Change – Regulation EC 1907/2006

16.4 The data provided in this safety data sheet regard only the indicated product and correspond with our knowledge and experience available at the moment. These data do not replace the product's quality specification. The proper handling of the product according to valid laws is the responsibility of the user.