

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.06.2016

Version: 1

Revision: 08.06.2016

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

1.1 Product identifier

Trade name HYDROTREATED PARAFFIN-NAPHTHENIC PETROLEUM BASE OIL

CAS Number:

64742-54-7

EC number:

265-157-1

Index number:

649-467-00-8

Registration number 01-2119484627-25-0065

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

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU8 Manufacture of bulk, large scale chemicals (including petroleum products)

SU9 Manufacture of fine chemicals

SU10 Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

SU11 Manufacture of rubber products

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Process category

PROC1 Use in closed process, no likelihood of exposure

PROC2 Use in closed, continuous process with occasional controlled exposure

PROC3 Use in closed batch process (synthesis or formulation)

PROC4 Use in batch and other process (synthesis) where opportunity for exposure arises

PROC5 Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC6 Calendering operations

PROC7 Industrial spraying

PROC8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

PROC8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC10 Roller application or brushing

PROC11 Non industrial spraying

PROC13 Treatment of articles by dipping and pouring

PROC14 Production of preparations or articles by tableting, compression, extrusion, pelletisation

PROC15 Use as laboratory reagent

PROC16 Using material as fuel sources, limited exposure to unburned product to be expected

PROC17 Lubrication at high energy conditions and in partly open process

PROC18 Greasing at high energy conditions

PROC19 Hand-mixing with intimate contact and only PPE available

PROC20 Heat and pressure transfer fluids in dispersive, professional use but closed systems

PROC21 Low energy manipulation of substances bound in materials and/or articles

Environmental release category

ERC1 Manufacture of substances

ERC2 Formulation of preparations

ERC4 Industrial use of processing aids in processes and products, not becoming part of articles

ERC5 Industrial use resulting in inclusion into or onto a matrix

ERC6a Industrial use resulting in manufacture of another substance (use of intermediates)

ERC6b Industrial use of reactive processing aids

ERC6c Industrial use of monomers for manufacture of thermo-plastics

ERC6d Industrial use of process regulators for polymerisation processes in production of resins, rubbers, polymers

ERC7 Industrial use of substances in closed systems

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ERC8a Wide dispersive indoor use of processing aids in open systems
 ERC8d Wide dispersive outdoor use of processing aids in open systems
 ERC8e Wide dispersive outdoor use of reactive substances in open systems
 ERC8f Wide dispersive outdoor use resulting in inclusion into or onto a matrix
 ERC9a Wide dispersive indoor use of substances in closed systems
 ERC9b Wide dispersive outdoor use of substances in closed systems

Application of the substance / the preparation:

Solvents
 motor fuels
 fuel
 coating
 additive
 Intermediate for chemical synthesis

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:

JSC "TANECO"
 423570 Nizhnekamsk
 POB 97 RUPS
 Republic of Tatarstan
 Russia

Informing department:

Vershinina Anastasiia
 vershinina@efremov-gmbh.com

1.4 Emergency telephone number: fon: : +49 172 722 15 20

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms


GHS08

Signal word Danger

Hazard statements

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.

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vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

3.1 Chemical characterisation: Substances

CAS No. Designation:

64742-54-7 Baseoil - unspecified

Identification number(s):**EC number:** 265-157-1**Index number:** 649-467-00-8**Additional information:**

Distillates (petroleum), hydrotreated heavy paraffinic (Nota L, -R45, <3% dimethyl sulfoxide)

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation Supply fresh air; consult doctor in case of symptoms.**After skin contact** The product is not skin irritating.**After eye contact** Rinse opened eye for several minutes under running water.**After swallowing** Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

Danger At swallowing alternatively vomiting eliminate the danger to penetrate the lungs.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agentsCO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

Can be released in case of fire:

carbon monoxide (CO)

carbon dioxide (CO₂)

5.3 Advice for firefighters

Protective equipment: Wear self-contained breathing apparatus.**Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

Use breathing protection against the effects of fumes/dust/aerosol.

6.2 Environmental precautions:

 No special measures required.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

Dispose of contaminated material as waste according to chapter 13.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

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See Section 13 for information on disposal.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling Open and handle container with care.

Information about protection against explosions and fires:

Keep away from combustible materials, open flames and all sources of heat.

Keep breathing equipment ready.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers: Store only in the original container.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

Storage class 6.1 C

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical systems: No further data; see chapter 7.

8.1 Control parameters

Components with critical values that require monitoring at the workplace: Not required.

DNELs

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

DNEL	0.74 (24h) mg/kg/day (long-term oral consumer systemic)
	1.0 (8h) mg/kg (long-term dermal worker systemic)
	2.7 (8h) mg/m ³ (long-term inhalativ worker systemic)
	5.4 (8h) mg/m ³ (long-term inhalativ worker local)
	1.2 (24h) mg/m ³ (long-term inhalativ consumer local)

Additional information: The lists that were valid during the compilation were used as basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures

Keep away from foodstuffs, beverages and food.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Store protective clothing separately.

Breathing equipment:

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

Protection of hands:



Protective gloves (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

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Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed safety glasses (EN 166)

Body protection: Protective work clothing: DIN EN 13034

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Colourless
Smell:	Mineraloil-like
Odour threshold:	Not determined.

pH-value: Not determined.

Change in condition

Melting point/Melting range:	-9 °C
Boiling point/Boiling range:	Not determined

Flash point: Not applicable

Inflammability (solid, gaseous) Not applicable.

Ignition temperature: >320 °C

Decomposition temperature: Not determined.

Self-inflammability: Not determined.

Danger of explosion: Product is not explosive.

Critical values for explosion:

Lower:	1 Vol %
Upper:	10 Vol %

Vapour pressure at 20 °C: <1 hPa

Density at 20 °C	0.88 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.

Solubility in / Miscibility with

Water: Not miscible or difficult to mix

Viscosity:

dynamic: Not determined.

kinematic at 100 °C: <5 cSt

Organic solvents: 100.0 %

9.2 Other information No further relevant information available.

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SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known

10.4 Conditions to avoid Heat, flames, sparks and other sources of ignition

10.5 Incompatible materials: Incompatible with strong oxidizing agents.

10.6 Hazardous decomposition products: carbon monoxide (CO) and carbon dioxide (CO₂)

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification:

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

Oral	LD50	>5000 mg/kg (rat) (OECD 401) API (1982a)
Dermal	LD50	>5000 mg/kg (rabbit) (OECD 402) API (1982a)
Inhalative	LC50/4h	5.53 mg/L (rat) (OECD 403) Exxon Biomedical Sciences, Inc. (1988a)

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Other information (about experimental toxicology):

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

Oral	LOAEL	125 mg/kg/d (rat) read-across
	NOAEL	≥150 mg/kg/day (mouse) (OECD 453) ExxonMobil Biomedical Sciences, Inc. (1991) 125 mg/kg/day (rat)
	NOAEL	>980 mg/m ³ (rat) Dalbey, W., Osimitz, T., Kommineni, C., Roy, T., Feuston, M., and Yang, J. (1991)
	NOEC	>100 mg/L (fishes)
	NOEL	≥100 (72h) mg/L (pseudokirchneriella subcapitata) (OECD 201)

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

EL50	>10000 (24h) mg/L (daphnia magna) (OECD 202)
LL50	>100 mg/L (algae)
	>100 mg/L (fishes)
	>10000 (24h) mg/L (gammarus pulex) (OECD 202)
	>100 (96h) mg/L (pimephales promelas) (OECD 203)

12.2 Persistence and degradability No further relevant information available.

Other information:

OECD 301F: 31 %, 28 d

OECD 301B: 2-4 %, 28 d

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Waste material must be disposed of in accordance with Directive on waste 2008/98/EC as well as national and local regulations.

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR,RID,ADN, ADN, IMDG, IATA

Void

14.2 UN proper shipping name

ADR,RID,ADN, ADN, IMDG, IATA

Void

14.3 Transport hazard class(es)

ADR,RID,ADN, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR,RID,ADN, IMDG, IATA

Void

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14.5 Environmental hazards:
Marine pollutant: No

14.6 Special precautions for user not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code not applicable.

Transport/Additional information: Not dangerous according to the above regulations.

UN "Model Regulation": Void

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

National regulations
Information about limitation of use:

Employment restrictions concerning young persons must be observed (94/33/EC).

Workers should not be exposed to this hazardous material. Exceptions can be made by the authorities in certain exceptional cases.

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing data specification sheet: Product safety department

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Asp. Tox. 1: Aspiration hazard – Category 1