SPINTA EP 80W-90

Product Code: SP-MR-8090-EP

Marine transmission gear lubricant

CLP STATUS: WARNING | Skin Sens. 1A H317 | Aquatic Chronic 3 H412 | Restricted to professional users

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: Mixture. Trade name: SPINTA EP 80W-90. Product code: SP-MR-8090-EP.
1.2 Relevant identified use: Transmission Oil
1.3 Supplier: SPINTA ITALIA S.r.l., Viale C. Battisti 15, 27100 Pavia (PV), Italy. Tel. +39 331 801 9355. SDS contact: info@spinta-lub.it.
1.4 Emergency telephone: CAV Centro Nazionale di Informazione Tossicologica - Pavia, Tel. +39 0382 24444; CAV Azienda Ospedaliera A. Cardarelli - Napoli, Tel. +39 081 5453333.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification: Direct and prolonged contact can cause eye and skin irritation. Hazards reported in section 2 refer to the product in the finished form. Hazards are reduced if the product is used in water emulsion. EC Regulation 1272/2008 (CLP): Warning, Skin Sens. 1A, May cause an allergic skin reaction; Aquatic Chronic 3, Harmful to aquatic life with long lasting effects. No other adverse physicochemical, human health or environmental effects.
2.2 Label elements: Hazard pictogram: GHS07. Signal word: Warning. H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/... P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents/container in accordance with applicable regulations. Special Provisions: None. Contains: Amines, C10-14-tert-alkyl. Annex XVII: Restricted to professional users.



2.3 Other hazards: No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%. No other hazards.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances: N.A.
3.2 Mixtures: Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Substance	Identification	Classification
>=0.25% - <0.3%	Amines, C10-14-tert-alkyl	EC 701-175-2	Acute Tox. 4 H302; Acute Tox. 3 H311; Acute Tox. 2 H330; Skin Corr. 1B H314; Eye Dam. 1 H318; Skin Sens. 1A H317; Aquatic Acute 1 H400; Aquatic Chronic 1 H410

SECTION 4: FIRST AID MEASURES

4.1 Skin: High-pressure injection injuries require prompt hospital assessment; prompt surgical intervention and possibly steroid therapy may be required to minimise tissue damage/loss of function. Remove contaminated clothing. Immediately rinse affected or suspected areas with plenty of running water and possibly soap; wash the body thoroughly (shower/bath). Remove contaminated clothing immediately and dispose of safely.
Eyes: Wash immediately with plenty of water for several minutes with eyelids open. Call a doctor if pain/redness persists. Rinse immediately with plenty of water and seek medical advice.
Ingestion: Do NOT induce vomiting under any circumstances. Obtain medical examination immediately.
Inhalation: After high vapour/mist exposure, remove to fresh/well-ventilated air, keep warm and at rest; seek medical attention if necessary.
4.2 Symptoms/effects: None reported.
4.3 Immediate treatment: In case of accident or unwellness, seek medical advice immediately (show directions for use or SDS if possible). After high vapour/mist exposure, move to a well ventilated place and seek medical attention if necessary.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media: Suitable media: class B extinguishing media, carbon dioxide, dry chemical powder, foam, sand, earth, water and CO2. Avoid water jets; use water only to cool the surface of containers exposed to fire. No other unsuitable media are specified.
5.2 Special hazards: Avoid breathing combustion smoke/gases. Fire may form chlorine-, sulfur- and nitrogen-containing compounds, unburnt hydrocarbons and other potentially dangerous compounds. Burning produces heavy smoke.
5.3 Firefighters: Cool heat-exposed containers; use suitable breathing apparatus and full protective suit. Collect contaminated extinguishing water separately; do not discharge to drains. Move undamaged containers from hazard area if safe.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: Avoid skin/eye contact; use PPE. For relevant spills, especially confined areas, avoid vapours, ventilate or use respiratory protection. Remove persons to safety. See Sections 7 and 8.
6.2 Environmental precautions: Prevent dispersion to soil, sewers and surface water. Retain contaminated wash water. Inform competent authorities if waterways, soil or drains are affected. Suitable uptake material: organic absorbent, sand.
6.3 Containment/clean-up: Spilled aerosol may ignite under suitable conditions. Contain large spills; absorb small spills with earth, sand or inert absorbent; transfer to suitable impermeable containers; dispose according to regulations; wash with plenty of water.
6.4 Reference: See Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Safe handling: Avoid direct contact and inhalation of aerosol/vapours; ensure adequate ventilation. Do not smoke/use open flames; avoid sparks/ignition sources and keep containers closed. Avoid skin/eye contact. Do not use empty containers before cleaning; before transfer, ensure no incompatible-material residues. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See Section 8.
7.2 Storage: Keep in original closed containers with leakage control/containment, in a cool, adequately ventilated place away from heat, ignition sources and sunlight. Avoid electrostatic charge. Keep away from food, drink and feed. Incompatible materials: none in particular.
7.3 Specific end uses: None in particular.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters: No specific requirements in normal conditions of use. Avoid generation/diffusion of mist or aerosol using machine protection and localized ventilation/aspiration. No occupational exposure limit available. DNEL: N.A. PNEC: N.A.
8.2 Eye protection: Wear safety glasses whenever contact with the product is possible (UNI-EN 166). Use close-fitting safety goggles; do not use contact lenses.
Skin/body: Use full suit and apron in suitable material; change contaminated clothes immediately and wash carefully before reuse. Maintain good personal/work-clothing hygiene (UNI-EN 465/466/467). Use clothing providing comprehensive skin protection, e.g. cotton, rubber, PVC or Viton.
Hands: Wear mineral-oil/solvent-resistant work gloves (e.g. neoprene, nitrile or PVC), preferably lined; replace when worn and use on clean hands. Barrier creams may assist for short contacts. Select according to use/supplier information (UNI-EN 374). Use gloves providing comprehensive protection, e.g. PVC, neoprene or rubber.
Respiratory: If operational conditions and other controls are insufficient to respect exposure limits, use respiratory protection with filter for organic vapours and dusts/mists (e.g. activated-carbon mask). Not needed for normal use.
Thermal hazards / environmental exposure / engineering controls: None reported.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value / method
Physical state	Liquid
Colour	Green
Odour	Characteristic
Melting/freezing point	-30°C; ASTM D97
Boiling point/range	Not defined / not available
Flammability	N.A.
Explosion limits	Not defined / not available
Flash point	220°C; ASTM D92
Auto-ignition temperature	Not defined / not available
Decomposition temperature	Not defined / not available
pH	Not defined / not available
Kinematic viscosity (9.1)	N.A.
Solubility in water / oil	Insoluble / soluble
log Kow	Not defined / not available
Vapour pressure	Not defined / not available
Density	0.880 kg/dm3; ASTM D4052
Relative vapour density	Not defined / not available
Particle size	N.A.
9.2 Viscosity	125.0 cSt @40°C; 16.0 cSt @100°C; ASTM D445

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Avoid strong acids, bases and strong oxidizers. Stable under normal conditions.
10.2 Chemical stability: Stable at room temperature / under normal conditions.
10.3 Hazardous reactions: None.
10.4 Conditions to avoid: Stable under normal conditions.
10.5 Incompatible materials: None in particular.
10.6 Hazardous decomposition products: None.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 CLP hazard classes: Product: acute toxicity, skin corrosion/irritation, serious eye damage/irritation, germ-cell mutagenicity, carcinogenicity, reproductive toxicity, STOT-single exposure, STOT-repeated exposure and aspiration hazard - not classified; respiratory/skin sensitisation - Skin Sens. 1A H317. Toxicological information of main substances: N.A.
11.2 Other hazards: No endocrine-disrupting substances at concentration >=0.1%.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity: Adopt good working practices so that the product is not released into the environment. Product classified Aquatic Chronic 3 - H412.
12.2 Persistence/degradability: Although the product is not classified hazardous for the environment, the source states it is not easily biodegradable. Source statements: sinks if density >1; floats if density <1; easily dispersible in soil and water; easily absorbed in soil; may evaporate/disperse in air; adsorbed superficially in soil; evaporates difficultly.
12.3 Bioaccumulation: N.A.
12.4 Mobility in soil: N.A.
12.5 PBT/vPvB: None.
12.6 Endocrine disruption: No endocrine-disrupting substances >=0.1%.
12.7 Other adverse effects: None.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment: Send product (and emulsions, where applicable) and containers to approved companies, considering DPR 691 of 23/08/1982 (used-oil consortium) and Part IV of D.Lgs. 152/03-04-2006 and updates. Do not discharge to sewers, tunnels or watercourses. Recover if possible and comply with current local/national rules.

SECTION 14: TRANSPORT INFORMATION

14.1 UN/ID number: Not classified as dangerous under transport regulations.
14.2 Proper shipping name: N.A. 14.3 Transport class: N.A. 14.4 Packing group: N.A.
14.5 Environmental hazards: N.A. 14.6 Special precautions: N.A. 14.7 Maritime bulk transport per IMO: N.A.

SECTION 15: REGULATORY INFORMATION

15.1 Regulations: Dir. 98/24/EC; Dir. 2000/39/EC; Reg. (EC) 1907/2006 REACH; Reg. (EC) 1272/2008 CLP; Reg. (EC) 790/2009 (ATP1) and (EU) 758/2013; Reg. (EU) 2020/878; CLP ATPs 2-16: 286/2011, 618/2012, 487/2013, 944/2013, 605/2014, 2015/1221, 2016/918, 2016/1179, 2017/776, 2018/669, 2019/521, 2018/1480, 2020/217, 2020/1182, 2021/643.
REACH Annex XVII: Product restriction: Restriction 3. Substance restriction: 28.
Other provisions: Directive 2012/18/EU (Seveso III); Reg. (EC) 648/2004 detergents; Dir. 2004/42/EC VOC; D.M. 13 Feb 2003 PPE harmonized laws; D.Lgs. 81/09-04-2008 workplace health/safety; D.M. 14 Jan 2008 occupational disease reporting; D.P.R. 689/26-05-1959 fire-protection-control activities; Directive 98/8/EC biocidal products. Seveso III category: none.
15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: OTHER INFORMATION

Use limitation: Do not use for uses different from those identified; unevaluated risks may result.
Guidance basis: Guidance on preparation of Safety Data Sheets for lubricants, Industrial Group of Lube Companies (GAIL), aispec.federchimica.it.
Full text of phrases referred to in Section 3: H302 Harmful if swallowed. H311 Toxic in contact with skin. H330 Fatal if inhaled. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. Hazard classes: Acute Tox. 2 3.1/2/Inhal; Acute Tox. 3 3.1/3/Dermal; Acute Tox. 4 3.1/4/Oral; Skin Corr. 1B 3.2/1B; Eye Dam. 1 3.3/1; Skin Sens. 1A 3.4.2/1A; Aquatic Acute 1 4.1/A1; Aquatic Chronic 1 4.1/C1; Aquatic Chronic 3 4.1/C3.
Regulatory status: Source SDS dated 02/02/2023, version 1. Completely updated in compliance with Regulation 2020/878. Classification procedure for mixtures under CLP: Skin Sens. 1A H317 - Calculation method; Aquatic Chronic 3 H412 - Calculation method. Document prepared by a competent person who received appropriate training.
Bibliography: ECDIN - Environmental Chemicals Data and Information Network, Joint Research Centre, Commission of the European Communities; SAX's Dangerous Properties of Industrial Materials, 8th Ed., Van Nostrand Reinhold.
Disclaimer: Information is based on the state of knowledge at the source date, refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete for the specific intended use. This SDS cancels and replaces any preceding release.
Abbreviations: ADR European Agreement for road transport of dangerous goods; ATE/ATEmix Acute Toxicity Estimate; CAS Chemical Abstracts Service; CLP Classification, Labeling, Packaging; DNEL Derived No Effect Level; EINECS European Inventory; GefStoffVO German Hazardous Substances Ordinance; GHS Globally Harmonized System; IATA/IATA-DGR air transport/Dangerous Goods Regulations; ICAO/ICAO-TI International Civil Aviation Organization/Technical Instructions; IMDG maritime dangerous goods; INCI cosmetic ingredients; KSt explosion coefficient; LC50 lethal concentration 50%; LD50 lethal dose 50%; PNEC Predicted No Effect Concentration; RID rail dangerous goods; STEL short-term exposure limit; STOT specific target organ toxicity; TLV threshold limit value; TWA time-weighted average; WGK German Water Hazard Class.