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Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) as amended

OIL BOOSTER

Version Number: 15	Revision Date: 18-July-2022

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

1.1 Product Identifier

Trade Name: TEC-2000 OIL BOOSTER

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

Sector of Use: The product is intended for sale to the consumer and the professional use.

Application of the substance / the preparation:

Internal combustion engine lubricating oil. Performance booster

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Name or trade name	TEC-2000 LIMITED
Address	PO Box 285, Hitchin, Hertfordshire, SG4 9WQ, United Kingdom
VAT Reg No	GB111112414
Phone	+44 (0) 1462 433 660
E-mail	mike@tec-2000.co.uk
Web address	www.tec-2000.co.uk

Competent person responsible for the safety data sheet

Name	TEC-2000 LIMITED
E-mail	mike@tec-2000.co.uk

1.4 Emergency telephone number

0044 (Ø) 7831 105386 (24hrs)
NHS Direct: 111
UK-National Poisons Information Service (NPIS): 0344 892 0111 (healthcare professionals only).
Ireland - National Poisons Information Centre (NPIC): (01) 809 2566 (healthcare professionals only).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Dam. 1 H318 Causes serious eye damage.
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008:

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

Hazard pictograms:

Signal word: Danger

Hazard-determining components of labelling:

Distillates (petroleum), hydrotreated heavy paraffinic
Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts
zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate).
Distillates (petroleum), solvent-dewaxed heavy paraffinic

Hazard statements:

H318	Causes serious eye damage.
H304	May be fatal if swallowed and enters airways.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children
P103	Read label before use.

P273	Avoid release to the environment.
P280	Wear eye protection / face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331	Do NOT induce vomiting.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture consisting of the following components.

Hazardous components:		
CAS: 64742-54-7 EINECS: 265-157-1 Index number: 649-467-00-8	Distillates (petroleum), hydrotreated heavy paraffinic Asp. Tox. 1, H304	≥10-≤25%
CAS: 85940-28-9 EINECS: 288-917-4	Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts Eye Dam. 1, H318; Aquatic Chronic 2, H411; Skin Irrit. 2, H315	≥3-<5%
CAS: 64742-65-0 EINECS: 265-169-7 Index number: 649-474-00-6	Distillates (petroleum), solvent-dewaxed heavy paraffinic Asp. Tox. 1, H304	<5%
CAS: 68784-26-9 EINECS: 272-234-3	Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased Aquatic Chronic 4, H413	<2.5%
CAS: 93819-94-4 EINECS: 298-577-9	zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate). Eye Dam. 1, H318; Aquatic Chronic 2, H411; Skin Irrit. 2, H315	≥1-<2.5%
CAS: 121158-58-5 EC number: 310-154-3	Phenol, dodecyl-, branched Repr. 2, H361f; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Eye Irrit. 2, H319	≥0.025-<0.25%

Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation:

Move patient to fresh air, if symptoms persist consult a doctor.

After skin contact:

Generally the product does not irritate the skin.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Call for a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

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 agents:

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Keep away from ignition sources.

Use personal protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up
Absorb with liquid-binding material.
Use neutralising agent.
Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling:
Keep away from heat and direct sunlight.
Information about fire - and explosion protection:
No special measures required:

7.2 Conditions for safe storage, including any incompatibilities
Requirements to be met by storerooms and receptacles:
Store in a cool, dry place in well sealed receptacles.
Information about storage in one common storage facility:
Store away from oxidising agents.
Further information about storage conditions:
Keep container tightly closed.

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

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters
Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional Information:
The lists valid during the making were used as basis.

8.2 Exposure controls
Individual protection measures, such as personal protective equipment
General protective and hygienic measures:
Wash hands before breaks and at the end of work.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
Respiratory protection:
Not required.
Hand protection
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Protection of hands:


Protective gloves.

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.
Select the glove material based on a 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. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material:
The exact break through time must be determined by the manufacturer of the protective gloves.

Eye/face protection:


Safety goggles (EN 166).

Body protection: Protective work clothing.

SECTION 9: Physical And Chemical Properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Fluid
Colour:	Brown.
Odour:	Characteristic (hydrocarbon).
Odour threshold:	Not determined.
Melting point/freezing point:	Not determined.
Boiling point or initial boiling point and boiling range	Not determined.
Flammability	Not determined.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	>61 °C
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
VOC (EC):	
Dynamic:	Not determined.
Solubility	
Water:	Not determined.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density:	Not determined.
Relative density	Not determined.
Vapour density	Not determined.

9.2 Other information

Appearance:	
Form:	Liquid.
Ignition temperature:	Not determined.
Explosive properties:	Product does not present an explosion hazard.
Solids content:	0.0 %
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not determined.
Information with regard to physical hazard classes	
Explosives	Not applicable.
Flammable gases	Not applicable.
Aerosols	Not applicable.
Oxidising gases	Not applicable.
Gases under pressure	Not applicable.
Flammable liquids	Not applicable.
Flammable solids	Not applicable.
Self-reactive substances and mixtures	Not applicable.
Pyrophoric liquids	Not applicable.
Pyrophoric solids	Not applicable.
Self-heating substances and mixtures	Not applicable.
Substances and mixtures, which emit flammable gases in contact with water	Not applicable.
Oxidising liquids	Not applicable.
Oxidising solids	Not applicable.
Organic peroxides	Not applicable.
Corrosive to metals	Not applicable.
Desensitised explosives	Not applicable.

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
No further relevant information available.
10.5 Incompatible materials
Avoid strong oxidants, strong alkalis and strong acids.
10.6 Hazardous decomposition products
Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological Information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Serious eye damage/irritation:
Irritating effect.
Causes serious eye damage.
Aspiration hazard:
May be fatal if swallowed and enters airways.
11.2 Information on other hazards

11.2.1 Endocrine disrupting properties
None of the ingredients are listed.

SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity:
No further relevant information available.
12.2 Persistence and degradability
No further relevant information available.
12.3 Bioaccumulative potential
No further relevant information available.
12.4 Mobility in soil
No further relevant information available.
12.5 Results of PBT and vPvB assessment
PBT:
Not applicable.
vPvB:
Not applicable.
12.6 Endocrine disrupting properties
The product does not contain substances with endocrine disrupting properties.
12.7 Other adverse effects
Remark:
Harmful to fish
Additional environmental information:
General notes:
Water hazard class 1 (German Regulation) (Self-assessment): Slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or un-neutralised.
Harmful to aquatic organisms

SECTION 13: Disposal Considerations

13.1 Waste treatment methods
Recommendation:
Do not allow product to reach sewage system.
Uncleaned packaging
Recommendation:
Disposal must be made in accordance with official regulations.
Packaging that may not be cleansed must be disposed of in the same manner as the product.

SECTION 14: Transport Information

14.1 UN Number
ADR, ADN, IMDG, IATA
Not applicable.
14.2 UN proper shipping name
ADR, ADN, IMDG, IATA
Not applicable.
14.3 Transport hazard class(es)
ADR, ADN, IMDG, IATA Class
Not applicable.

14.4 Packing group
ADR, IMDG, IATA
Not applicable.
14.5 Environmental hazards:
Marine pollutant:
No
14.6 Special precautions for user
Not applicable.
14.7 Maritime transport in bulk according to IMO instruments:
Not applicable.

SECTION 15: Regulatory Information.

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

Canada Non-Domestic Substances List (NDSL)
None of the ingredients are listed.

Directive 2012/18/EU
Named dangerous substances - ANNEX I
None of the ingredients are listed.
15.2 Chemical safety assessment
A Chemical Safety Assessment has not been carried out.

SECTION 16: Other Information.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
Relevant phrases

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361f	Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Abbreviations and acronyms:
ADR: Accord relatif au transport international 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
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Repr. 2: Reproductive toxicity – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4