SAFETY DATA SHEET

According to Work Health and Safety Regulations 2011 and National Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals

Version 1.0

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1. Identification of the material and supplier

Material name:	Triton Synthetic 40 MTF (Eaton PS-386)
Other means of identification:	Transmission oil
Recommended use:	As lubricant for multipurpose applications.
Restrictions on use:	Not available
Manufacturer:	
Supplier(Manufacturer):	BASF Corporation
Address:	100 Park Avenue, Florham Park, NJ 07932, USA
Contact person(E-mail):	RegXcellenceFuelLubes@basf.com
Telephone:	1800 424 9300 (Chemtrec)
Fax:	-
Emergency number:	1800 832 4357 (BASF Hotline)
Australia Supplier(Manufacturer):	International Lubricant Distributors Pty. Ltd.
Address:	21 Logistics Bvd, Kenwick WA 6107, Australia
Contact person(E-mail):	-
Telephone:	-
Fax:	+61 8 9381 1788
Emergency number:	1300 558 939

2. Hazards identification

Aquatic Acute: 3 Hazardous to the aquatic environment - acute

Aquatic Chronic: 3 Hazardous to the aquatic environment - chronic

GHS label elements:

Hazard Pictograms: :	No hazard pictogram is used.
Signal word:	No signal word is used.
Hazard statement:	H402 Harmful to aquatic life. H412 Harmful to aquatic life with long lasting effects.
Precautionary statement:	
Prevention:	P273 Avoid release to the environment.
Response:	Not applicable.
Storage:	Not applicable.
Disposal:	P501 Dispose of contents/container in accordance with local regulations.
Other hazards which do not result in classification:	Not applicable.

3. Composition/information on ingredients

Components	CAS No.	Percent
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	1.0 – 5.0%
Amines, C11-14 branched alkyl, monohexyl and dihexyl phosphates	80939-62-4	1.0 – 3.0%
2,6-di-tert-butyl phenol	128-39-2	0.2 – 1.0%
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	0.2 – 1.0%
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	0.3 – 1.0%
Phosphorous acid	10294-56-1	0.3%
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs	61791-44-4	0.3%

4. First aid measures

Inhalation: Keep patient calm, remove to fresh air, seek medical attention.

Skin: Remove contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. If irritation develops, seek medical attention.

Eye: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

Ingestion: Rinse mouth immediately with water. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Do not induce vomiting due to aspiration hazard. Seek medical attention treatment. Do not induce vomiting.

Symptoms caused by exposure:

2,6-di-tert-butyl phenol

Overexposure may cause Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Phosphorous acid

Overexposure may cause corneal injury, skin corrosion, severe pain, coughing, respiratory disorders, dyspneal, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates

Overexposure may cause eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Medical Attention and Special Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-fighting measures

Suitable extinguishing media: Water spray, dry powder, foam

Extinguishing media which must not be used for safety reasons: Water jet.

Specific hazards arising from the chemical: Hazards during firefighting: harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released

	in case of fire.
Special protective equipment and precautions for fire fighters:	Protective equipment for firefighting. Wear a self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Use personal protective clothing. Keep people away and stay on the upwind side. Breathing protection required.
Environmental precautions:	Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.
Methods and materials for containment and cleaning up:	For large amounts: Pump off product. For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

7. Handling and storage

Precautions for safe handling:	No special measures necessary provided product is used correctly.
Conditions for safe storage, including any incompatibilities:	tore under cover away from moisture and sources of ignition. Do not overheat in storage. Keep the container tightly sealed.
Storage regulation	Segregate from foodstuffs. Keep container tightly closed and dry. Store in a cool place. The packed product is not damaged by low temperatures or by frost. The packed product will not be damaged by high temperatures.

8. Exposure controls/personal protection

Control parameters – exposure standards, biological monitoring: Not available

Exposure Levels

Occupational exposure limits:

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy paraffinic	ACGIH, US: OSHA Z1:	TWA value 5 mg/m3 PEL 5 mg/m3	Inhalable fraction Mist
Distillates (petroleum), hydrotreated light paraffinic	ACGIH, US: OSHA Z1:	TWA value 5 mg/m3 PEL 5 mg/m3	Inhalable fraction Mist
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	ACGIH, US:	TWA value 5 mg/m3	Inhalable fraction

Personal protective equipment:

Eye/face protection:	Safety glasses with side-shields.
Body protection:	Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).
Respiratory protection:	Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection:	Chemical resistant protective gloves
General safety and hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	
Physical state:	Liquid
Form:	Liquid
Color:	Light amber
Odor:	Peppermint oil
Odour threshold:	Not available
PH:	Not available
Melting point/Freezing point:	Not available
Boiling point and boiling range:	200 °C
Flash point:	238 °C
Evaporation rate:	Not available
Flammability (solid, gas):	Not flammable
Upper/lower flammability or explosive limits:	For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point. For liquids not relevant for classification and labelling.
Vapor pressure:	Not available
Vapor density:	Not available
Density:	0.850 g/cm3 (15 °C) 0.848 g/cm3 (20 °C) 0.842 g/cm3 (50 °C)
Solubility (H_2O):	Insoluble in water
Partition coefficient (n-octanol/water):	Not available
Auto-ignition:	(DIN 51794)
Decomposition temperature:	Not available
Viscosity, kinematic:	95.1 mm^2/s (40 °C) (ASTM D445)
Specific heat value:	Not available
Particle size:	Not available
Volatile organic compounds content:	Not available
% volatile:	Not available
Saturated vapour concentration:	Not available
Release of invisible flammable vapours and gases:	Not available
Additional parameters	
Shape and aspect ratio:	Not available
Crystallinity:	Not available
Dustiness:	Not available
Surface area:	Not available
Degree of aggregation or agglomeration:	Not available
Ionisation (redox potential):	Not available
Biodurability or biopersistence:	Not available

10. Stability and reactivity

Reactivity:	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability:	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions:	No hazardous reactions when stored and handled according to instructions. The product is chemically stable.
Conditions to avoid:	No special precautions other than good housekeeping of chemicals.
Incompatible materials:	Oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological information

Toxicity:	No data available.
Primary routes of exposure:	Routes of entry for solids and liquids are ingestion and inhalation but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.
Skin corrosion/Irritation:	Assessment of irritating effects: Skin contact causes slight irritation. Not irritating to the eyes.
Serious eye damage/irritation:	No data available.
Respiratory or skin sensitization:	Assessment of sensitization: A sensitizing effect on particularly sensitive individuals cannot be excluded.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
STOT- single exposure:	No data available.
STOT-repeated exposure:	No data available.
Aspiration hazard:	No data available.
Other information	This product has no known adverse effect on human health.
Information on routes of exposure	No data available.
Symptoms related to exposure	No data available.
Numerical measures of toxicity	No data available.
Immediate, delayed and chronic health effects from exposure	Assessment of repeated dose toxicity: Based on available data, the classification criteria are not met.

12. Ecological information

Aquatic toxicity:	Harmful to aquatic life. Harmful to aquatic life with long lasting effects.
Persistence and degradability:	Study scientifically not justified.
Bioaccumulative potential:	Study scientifically not justified.
Mobility in soil:	No data available.
Other adverse effects:	The product has not been tested. The statement has been derived from the properties of the individualcomponents.

13. Disposal considerations

Safe handling and disposal methods:	Dispose of in accordance with national, state and local regulations. Do not discharge into

	drains/surface waters/groundwater. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA..
Disposal of any contaminated packaging:	**Australia:** The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations. **New Zealand:** **Product Disposal** Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This product can be disposed through a licensed commercial waste collection service. In this specific case the product is a combustible substance and therefore can be sent to an approved high temperature incineration plant for disposal. Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed. Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected. In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Further details regarding disposal can be obtained on the EPA New Zealand website under specific group standards. **Container Disposal** The container or packaging must be cleaned and rendered incapable of holding any substance. It can then be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service. Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous. In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

14. Transport information

Australia:

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

New Zealand:

Not classified as Dangerous Goods for transport according to the NZS 5433:2012 Transport of Dangerous Goods on Land.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

U.N. Number

None Allocated

Proper Shipping Name

None Allocated

DG Class

None Allocated

Packing Group

None Allocated

15. Regulatory information

Safety, health and environmental regulations specific for the product in question

Australia:

Not classified as Hazardous according to criteria of National Occupational Health and Safety Commission (NOHSC), Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

New Zealand:

Not classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Australia HVIC: Listed substance

Not available.

New Zealand Location Test Certificate

Subject to Regulation 55 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations a location test certificate is required when quantity greater than or equal to those indicated below are present.

Hazard Class	Quantity beyond which controls apply for closed containers	Quantity beyond which controls apply when use occurring in open containers
Not Applicable	Not Applicable	Not Applicable

New Zealand Approved Handler

Subject to Regulation 56 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations, the substance must be under the personal control of an Approved Handler when present in a quantity greater than or equal to those indicated below.

Class of substance	Quantities
Not Applicable	Not Applicable

16. Other information

Indication of changes:	Version 1.0
Date of preparation or review:	2023.07.12
Key abbreviations or acronyms used:	CAS: Chemical Abstracts Service LC50: Lethal Concentration 50 EC50: Concentration for 50% of maximal effect LD50: Lethal dose 50% MAC: maximum allowable concentration，MAC) PC-TWA: permissible concentration-time weighted average PC-STEL: permissible concentration-short term exposure limit
Reference	**Australia:** Standard for the Uniform Scheduling of Medicines and Poisons. Approved criteria for classifying hazardous substances [NOHSC: 1008(2004)]. National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC: 2011(2003)]. Australian Code for the Transport of Dangerous Goods by Road & Rail. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted

carcinogens and restricted hazardous chemicals.
Workplace exposure standards for airborne contaminants, Safe work Australia.
American Conference of Industrial Hygienists (ACGIH)
New Zealand:
Workplace Exposure Standards and Biological Exposure Indices
Transport of Dangerous goods on land NZS 5433.
Preparation of Safety Data Sheets - Approved Code of Practice Under the HSNO Act 1996 (HSNO CoP 8-1 0906).
Assigning a hazardous substance to a group standard.
American Conference of Industrial Hygienists (ACGIH)

IMPORTANT: While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you do tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. in no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by our company hereunder are given gratis and we assume no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.