

ASHLAND®		Page: 1 of 11
		Revision Date: 12.04.2013
SAFETY DATA SHEET		Print Date: 22.07.2014
Synpower™ XTREME MST C3 SAE 5W30 SYNTHETIC MOTOR OIL		MSDS Number: R0517092 Version: 2.0
842036		

Conforms to EU Regulation 1907/2006/EC as amended. - SDSCLP_GB

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Synpower™ XTREME MST C3 SAE 5W30
SYNTHETIC MOTOR OIL

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

Use of the : Lubricating oils
Substance/Mixture

1.3 Details of the supplier of the safety data sheet

Ashland P.O. Box 8619 NL3009 AP, Rotterdam Netherlands EUSMT@ashland.com	Emergency telephone number 00-800-274-5263-3/001-606-329-5701 , or contact your local emergency telephone number at 112 Product Information +31 10 497 5000 (in the Netherlands), or contact your local CSR contact person
--	--

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

Labelling according to EC Directives(1999/45/EC)

S-phrases) : S29/56 Do not empty into drains, dispose of this
material and its container at hazardous or
special waste collection point.

Further information : The product does not need to be labelled in accordance with
EC directives or respective national laws.

2.3 Other hazards

ASHLAND®		Page: 2 of 11
		Revision Date: 12.04.2013
		Print Date: 22.07.2014
SAFETY DATA SHEET		
Synpower™ XTREME MST C3 SAE 5W30 SYNTHETIC MOTOR OIL		MSDS Number: R0517092 Version: 2.0
842036		

Assessment : PBT substance , vPvB substance - not determined

3. Composition/information on ingredients

3.2 Mixtures

Chemical nature : organic

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Lubricating Oils (Petroleum), C20- 50, Hydrotreated Neutral Oil-Based	72623-87-1 276-738-4		Asp. Tox. 1; H304	>= 90 - <= 100

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First aid measures

4.1 Description of first aid measures

- If inhaled : Move to fresh air.
If symptoms persist, call a physician.
In case of shortness of breath, give oxygen.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off immediately with plenty of water.
- In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
Remove contact lenses.
- If swallowed : Do not induce vomiting without medical advice.
Never give anything by mouth to an unconscious person.
Consult a physician if necessary.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:
stomach or intestinal upset (nausea, vomiting, diarrhea)
irritation (nose, throat, airways)
- Risks : no data available

ASHLAND®		Page: 3 of 11
		Revision Date: 12.04.2013
SAFETY DATA SHEET		Print Date: 22.07.2014
Synpower™ XTREME MST C3 SAE 5W30 SYNTHETIC MOTOR OIL		MSDS Number: R0517092 Version: 2.0
842036		

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : no data available

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : ABC powder
Carbon dioxide (CO₂)
Dry chemical
Water mist

Unsuitable extinguishing media : Halons

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : carbon dioxide and carbon monoxide

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.

Further information : Keep containers and surroundings cool with water spray.
Prevent fire extinguishing water from contaminating surface water or the ground water system.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

6.2 Environmental precautions

Environmental precautions : Prevent further leakage or spillage if safe to do so.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel,

ASHLAND®		Page: 4 of 11
		Revision Date: 12.04.2013
SAFETY DATA SHEET		Print Date: 22.07.2014
Synpower™ XTREME MST C3 SAE 5W30 SYNTHETIC MOTOR OIL		MSDS Number: R0517092 Version: 2.0
842036		

acid binder, universal binder, sawdust).
Large spills should be collected mechanically (remove by pumping) for disposal.
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

no data available

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours or spray mist.
For personal protection see section 8.
Provide sufficient air exchange and/or exhaust in work rooms.
Avoid exceeding of the given occupational exposure limits (see section 8).
Smoking, eating and drinking should be prohibited in the application area.
Ensure all equipment is electrically grounded and bonded before beginning transfer operations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container.
Keep containers tightly closed in a dry, cool and well-ventilated place.

Other data : Stable under recommended storage conditions.

7.3 Specific end use(s)

8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally

ASHLAND®		Page: 5 of 11
		Revision Date: 12.04.2013
SAFETY DATA SHEET		Print Date: 22.07.2014
Synpower™ XTREME MST C3 SAE 5W30 SYNTHETIC MOTOR OIL		MSDS Number: R0517092 Version: 2.0
842036		

required.

- Hand protection : Wear resistant gloves such as:
- : Nitrile rubber
 - : butyl-rubber
- Eye protection : Safety glasses with side-shields
- Skin and body protection : Wear as appropriate:
Safety shoes
- Hygiene measures : Keep away from food, drink and animal feedingstuffs.
When using do not eat, drink or smoke.
Avoid contact with skin, eyes and clothing.
Ensure that eyewash stations and safety showers are close to the workstation location.

Environmental exposure controls

- General advice : Prevent further leakage or spillage if safe to do so.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance : liquid
- Colour : amber
- Odour : oily
- Odour Threshold : no data available
- pH : not applicable
- Freezing point / Melting point : < -39,00 °C
- Boiling point : > 225,00 °C
- Flash point : 208 °C; Pensky Martens closed cup
- Evapouration rate : no data available
- Flammability (solid, gas) : no data available
- Burning rate : no data available
- Lower explosion limit : no data available

ASHLAND®		Page: 6 of 11
		Revision Date: 12.04.2013
SAFETY DATA SHEET		Print Date: 22.07.2014
Synpower™ XTREME MST C3 SAE 5W30 SYNTHETIC MOTOR OIL		MSDS Number: R0517092 Version: 2.0
842036		

Upper explosion limit : no data available

Vapour pressure : 1,3333333 hPa; 20 °C; Calculated Vapor Pressure

Relative vapour density : no data available

Relative density : 0,852; 15,6 °C

Density : 0,852 g/cm³; 15 °C

Water solubility : partly miscible

Solubility in other solvents : no data available

Partition coefficient: n-octanol/water : no data available

Auto-ignition temperature : no data available

Ignition temperature : no data available

Thermal decomposition : no data available

Viscosity, dynamic : no data available

Viscosity, kinematic : ca. 12,0 mm²/s; 100 °C

Explosive properties : no data available

Oxidizing properties : no data available

9.2 Other information

Bulk density : not applicable

10. Stability and reactivity

10.1 Reactivity

Hazardous polymerisation does not occur.

10.2 Chemical stability

No hazards to be specially mentioned.

ASHLAND®		Page: 7 of 11
		Revision Date: 12.04.2013
SAFETY DATA SHEET		Print Date: 22.07.2014
Synpower™ XTREME MST C3 SAE 5W30 SYNTHETIC MOTOR OIL		MSDS Number: R0517092 Version: 2.0
842036		

10.3 Possibility of hazardous reactions

Hazardous reactions : Further information: No hazards to be specially mentioned.
: Hazardous polymerisation does not occur.

10.4 Conditions to avoid

10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

10.6 Hazardous decomposition products

11. Toxicological information

11.1 Information on toxicological effects

Product

Acute oral toxicity : no data available
Acute inhalation toxicity : no data available
Acute dermal toxicity : no data available
Acute toxicity (other routes of administration) : no data available
Skin corrosion/irritation : no data available
Serious eye damage/eye irritation : no data available
Respiratory or skin sensitisation : no data available

Components:

Lubricating Oils (Petroleum), C20-50, Hydrotreated Neutral Oil-Based :

Acute oral toxicity : LD 50: > 2.000 mg/kg, Rat

Acute dermal toxicity : LD 50: > 2.000 mg/kg, Rabbit

ASHLAND®		Page: 8 of 11
		Revision Date: 12.04.2013
SAFETY DATA SHEET		Print Date: 22.07.2014
Synpower™ XTREME MST C3 SAE 5W30 SYNTHETIC MOTOR OIL		MSDS Number: R0517092 Version: 2.0
842036		

12. Ecological information

12.1 Toxicity

Product:

no data available

Components:

no data available

12.2 Persistence and degradability

Product:

no data available

Components:

no data available

12.3 Bioaccumulative potential

Product:

Bioaccumulation

: The bioaccumulation potential cannot be determined.

Components:

no data available

12.4 Mobility in soil

Product:

no data available

Components:

no data available

12.5 Results of PBT and vPvB assessment

Product:

no data available

Components:

no data available

12.6 Other adverse effects

Product:

no data available

Components:

no data available

ASHLAND®		Page: 9 of 11
		Revision Date: 12.04.2013
SAFETY DATA SHEET		Print Date: 22.07.2014
Synpower™ XTREME MST C3 SAE 5W30 SYNTHETIC MOTOR OIL		MSDS Number: R0517092 Version: 2.0
842036		

13. Disposal considerations

13.1 Waste treatment methods

- Product : Dispose of in accordance with the European Directives on waste and hazardous waste.
- : Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of in accordance with local regulations.
- Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

14. Transport information

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
--------------	-------------------------	------------------	-----------------------	------------------	------------------------------------

ADR

Not dangerous goods

ADNR

Not dangerous goods

RID

Not dangerous goods

INTERNATIONAL MARITIME DANGEROUS GOODS

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

Not dangerous goods

*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

ASHLAND®		Page: 10 of 11
		Revision Date: 12.04.2013
SAFETY DATA SHEET		Print Date: 22.07.2014
Synpower™ XTREME MST C3 SAE 5W30 SYNTHETIC MOTOR OIL		MSDS Number: R0517092 Version: 2.0
842036		

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. Regulatory information

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

Notification status

US. Toxic Substances Control Act	y (positive listing)
Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	y (positive listing)
Australia. Industrial Chemical (Notification and Assessment) Act	y (positive listing)
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand	n (Negative listing)
Japan. Kashin-Hou Law List	y (positive listing)
Korea. Toxic Chemical Control Law (TCCL) List	y (positive listing)
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	y (positive listing)
China. Inventory of Existing Chemical Substances	n (Negative listing)

15.2 Chemical Safety Assessment

16. Other information

Further information

Other information : The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Ashland's Environmental Health and Safety Department (+31 10 497 5000).

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

ABM : Water Hazard Class for the Netherlands

ADR : Agreement concerning the International Carriage of Dangerous Goods by Road.

ASHLAND®		Page: 11 of 11
		Revision Date: 12.04.2013
SAFETY DATA SHEET		Print Date: 22.07.2014
Synpower™ XTREME MST C3 SAE 5W30 SYNTHETIC MOTOR OIL		MSDS Number: R0517092 Version: 2.0
842036		

CAS : Chemical Abstracts Service (Division of the American Chemical Society).
 CLP : Classification, Labeling, Packaging
 CMR : Carcinogen, Mutagen or Reproductive Toxicant
 CSA : Chemical Safety Assessment
 CSR : Chemical Safety Report
 DNEL : Derived No Effect Level.
 EINECS : European Inventory of Existing Commercial Chemical Substances.
 ELINCS : European List of notified Chemical Substances
 FG : Food grade
 GHS : Globally Harmonized System of Classification and Labeling of Chemicals.
 IATA : International Air Transport Association.
 IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
 ICAO : International Civil Aviation Organization
 ICAO-TI
 (ICAO) : Technical Instructions by the "International Civil Aviation Organization"
 IMDG : International Maritime Code for Dangerous Goods
 logPow : octanol-water partition coefficient
 LCxx : Lethal Concentration, for xx percent of test population
 LDxx : Lethal Dose, for xx percent of test population.
 ICxx : Inhibitory Concentration for xx of a substance
 Ecxx : Effective Concentration of xx
 OECD : Organization for Economic Co-operation and Development
 OELs : Occupational Exposure Limits
 PBT : Persistent , Bioaccumulative and Toxic
 PEC : Predicted Effect Concentration
 PEL : Permissible Exposure Limits
 PNEC : Predicted No Effect Concentration
 PPE : Personal Protection Equipment
 REACH : Registration, Evaluation, Authorisation and Restriction of Chemical substances
 RID : Regulation Concerning the International Transport of Dangerous Goods by Rail
 STEL : Short-term exposure limit
 STOT : Specific Target Organ Toxicity
 TLVs : Threshold Limit Values
 TWA : Time-weighted average
 vPvB : Very Persistent and Very Bioaccumulative
 WEL : Workplace Exposure Level
 WGK : German Water Hazard Class
 P-Statement : Precautionary Statement
 R-phrase : Risk phrase
 H-statement : Hazard Statement