



SAFETY DATA SHEET

SYNTON® PAO 100

Version: 1.1

Revision Date: 04/15/2015

Print Date: 07/21/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: SYNTON® PAO 100

Product Use Description: Lubricant basestock

Company: Chemtura Corporation
199 Benson Road
Middlebury, CT
06749
United States of America

Telephone: (US) +1 866-430-2775

Emergency telephone number: CHEMTREC: (24 hours) 800-424-9300
:
Chemtura Corporation Emergency Response: CHEMTURA : 800-292-5898

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by Product Safety Department
(US) +1 866-430-2775

MSDSRequest@chemtura.com

Recommended use of the chemical and restrictions on use

Recommended use : Lubricant basestock

Restrictions on use : Restricted to professional users.

SECTION 2. HAZARDS IDENTIFICATION

Form	liquid
Colour	clear colourless
Odour	characteristic

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Other hazards : None



SAFETY DATA SHEET

SYNTON® PAO 100

Version: 1.1

Revision Date: 04/15/2015

Print Date: 07/21/2015

Not a hazardous substance or mixture.

Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

No hazardous ingredients

SECTION 4. FIRST AID MEASURES

- | | |
|---|--|
| If inhaled | : Remove to fresh air.
If symptoms persist, call a physician. |
| In case of skin contact | : Wash off with warm water and soap. |
| In case of eye contact | : Rinse thoroughly with plenty of water, also under the eyelids.
If symptoms persist, call a physician. |
| If swallowed | : Do NOT induce vomiting.
Rinse mouth with water.
Obtain medical attention. |
| Most important symptoms and effects, both acute and delayed | : None known. |
| Notes to physician | : No information available. |

SECTION 5. FIREFIGHTING MEASURES

- | | |
|------------------------------|---|
| Suitable extinguishing media | : Extinguishing media - large fires
Alcohol-resistant foam
(on small fires)
Carbon dioxide (CO ₂)
Dry chemical
Water spray |
|------------------------------|---|



SAFETY DATA SHEET

SYNTON® PAO 100

Version: 1.1

Revision Date: 04/15/2015

Print Date: 07/21/2015

- Unsuitable extinguishing media : Water spray jet
- Specific hazards during firefighting : Burning produces irritant fumes.
Exposure to decomposition products may be a hazard to health.
- Specific extinguishing methods : Fight fire with normal precautions from a reasonable distance.
If water is used, fog nozzles are preferable.
Keep away from fire, sparks and heated surfaces.
Use water spray to cool unopened containers.
Prevent fire extinguishing water from contaminating surface water or the ground water system.
- Special protective equipment for firefighters : Body covering protective clothing, full "turn-out" gear.
Self-contained breathing apparatus (EN 133)

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Evacuate personnel to safe areas.
Wear suitable protective clothing, gloves and eye/face protection.
Ventilate the area.
- Environmental precautions : Do not allow contact with soil, surface or ground water.
Do not flush into surface water or sanitary sewer system.
- Methods and materials for containment and cleaning up : Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers. Large spills should be collected mechanically (remove by pumping) for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.
Use only in area provided with appropriate exhaust ventilation.
Wear suitable protective equipment.
Avoid inhalation, ingestion and contact with skin and eyes.
- Conditions for safe storage : Keep containers tightly closed in a dry, cool and well-ventilated place.
- Materials to avoid : None known.



SAFETY DATA SHEET

SYNTON® PAO 100

Version: 1.1

Revision Date: 04/15/2015

Print Date: 07/21/2015

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

No hazardous ingredients

Engineering measures : Ensure that eyewash stations and safety showers are close to the workstation location.
Handle only in a place equipped with local exhaust (or other appropriate exhaust).

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.
Breathing apparatus needed only when aerosol or mist is formed.

Hand protection
Remarks : Chemical resistant protective gloves

Eye protection : Safety glasses with side-shields

Skin and body protection : Long sleeved clothing
Remove and wash contaminated clothing before re-use.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Do not enter confined spaces unless adequately ventilated.
Avoid contact with skin, eyes and clothing.
Do not eat, drink or smoke when using this product.
Wash thoroughly after handling.
Keep working clothes separately.
Remove and wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : clear colourless

Odor : characteristic

Odour Threshold : No data available

pour point : -18 °C
Method: No information available.

: No data available

: No data available

Evaporation rate : No data available



SAFETY DATA SHEET

SYNTON® PAO 100

Version: 1.1

Revision Date: 04/15/2015

Print Date: 07/21/2015

Flash point : No data available
: 280 °C
Method: Cleveland open cup ASTM D 92

Upper explosion limit : No data available
No data available

Lower explosion limit : No data available
No data available

Vapour pressure : No data available

Relative vapour density : No data available
No data available

Relative density : 0.845 - 0.855 (20 °C)

Solubility(ies)

Water solubility : insoluble

Solubility in other solvents : soluble
Solvent: Organic solvents

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

Auto-ignition temperature : 310 °C

Viscosity

Viscosity, kinematic : 98 - 1,350 mm²/s (40 - 100 °C)

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : No decomposition if stored normally.

Possibility of hazardous reactions : Hazardous polymerisation does not occur.
Stable under normal conditions.

Conditions to avoid : None known.

Incompatible materials : None known.

Hazardous decomposition products : Carbon monoxide
Carbon dioxide (CO₂)



SAFETY DATA SHEET

SYNTON® PAO 100

Version: 1.1

Revision Date: 04/15/2015

Print Date: 07/21/2015

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity (Product) : LD50 Oral: 36 g/kg
Species: Rat

Skin irritation (Product) : Species: Rabbit
Result: No skin irritation

Eye irritation (Product) : Species: Rabbit
Result: No eye irritation

Aspiration toxicity (Product) : No aspiration toxicity classification

Further information (Product) : Based on available data, the classification criteria are not met.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish (Product) : Remarks:
No data available

Toxicity to daphnia and other aquatic invertebrates (Product) : Remarks:
No data available

Toxicity to algae (Product) : Remarks:
No data available

Elimination information (persistence and degradability)

Bioaccumulation (Product) : Remarks:
No data available

Mobility (Product) : Remarks:
No data available

Biodegradability (Product) : Result: No data available



SAFETY DATA SHEET

SYNTON® PAO 100

Version: 1.1

Revision Date: 04/15/2015

Print Date: 07/21/2015

Further information on ecology

Ecotoxicology Assessment

Results of PBT assessment (Product)

This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

Additional ecological information (Product) : Avoid release to the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with local regulations.
Dispose of wastes in an approved waste disposal facility.
Do not contaminate ponds, waterways or ditches with chemical or used container.

SECTION 14. TRANSPORT INFORMATION

ADR

Not dangerous goods

RID

Not dangerous goods

MERCOSUR

Not dangerous goods

DOT

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

Additional advice: Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION



SAFETY DATA SHEET

SYNTON® PAO 100

Version: 1.1

Revision Date: 04/15/2015

Print Date: 07/21/2015

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA304 Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

US.TSCA	On TSCA Inventory
DSL	All components of this product are on the Canadian DSL.
AICS	On the inventory, or in compliance with the inventory
NZIoC	On the inventory, or in compliance with the inventory
ENCS	On the inventory, or in compliance with the inventory
ISHL	On the inventory, or in compliance with the inventory
KECI	On the inventory, or in compliance with the inventory
PICCS	On the inventory, or in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information

Other Emergency Phone Number

<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
<u>Mexico:</u>		+52 555 004 8763



SAFETY DATA SHEET

SYNTON® PAO 100

Version: 1.1

Revision Date: 04/15/2015

Print Date: 07/21/2015

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.