

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 01/07/2016

Reviewed on 01/07/2016

*** 1 Identification****· Product Identifier****· Trade name: Noxudol 750****· Relevant identified uses of the substance or mixture and uses advised against:****· Product Description**

PC6 Automotive Care Products

PC14 Metal surface treatment products, including galvanic and electroplating products

Corrosion inhibitor

· Details of the Supplier of the Safety Data Sheet:**· Manufacturer/Supplier:**

Manufacturer: Auson AB

Verkstadsgatan 3

S-434 42 Kungsbacka Sweden

www.auson.se

Phone: +46 300-562000

Fax: +46 300-562001

US Distributor: Soken Trade Corporation

12055 Sherman Way

North Hollywood, CA USA

www.noxudolusa.com

Phone: (818) 308-8430

Fax: (818) 308-8428

· Emergency telephone number:

For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300 or Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

*** 2 Hazard(s) Identification****· Classification of the substance or mixture:**

GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS08 Health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS07

STOT SE 3 H336 May cause drowsiness or dizziness.

· Label elements:**· GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

(Contd. on page 2)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 01/07/2016

Reviewed on 01/07/2016

Trade name: Noxudol 750

Hazard pictograms:



Signal word: Danger

Hazard-determining components of labeling:

Naphtha (petroleum), hydrotreated heavy

Hazard statements:

- Flammable liquid and vapor.
- May cause drowsiness or dizziness.
- May be fatal if swallowed and enters airways.

Precautionary statements:

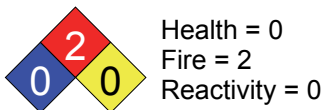
- Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves / eye protection / face protection.
- Ground/bond container and receiving equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- Call a POISON CENTER/doctor if you feel unwell.
- Do NOT induce vomiting.
- In case of fire: Use for extinction: CO2, powder or water spray.
- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Store in a well-ventilated place. Keep cool.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

Unknown acute toxicity:

0 % of the mixture consists of component(s) of unknown toxicity.

Classification system:

NFPA ratings (scale 0 - 4)



HMS-ratings (scale 0 - 4)



Hazard(s) not otherwise classified (HNOC): None known

(Contd. on page 3)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 01/07/2016

Reviewed on 01/07/2016

Trade name: Noxudol 750

* 3 Composition/Information on Ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with non-hazardous additions.

· **Dangerous Components:**

| | | | |
|------------|--|---|--------|
| 8042-47-5 | Mineral Oil | | 40-60% |
| 64742-48-9 | Naphtha (petroleum), hydrotreated heavy | ⚠ Asp. Tox. 1, H304; Flam. Liq. 4, H227 | 25-50% |
| 61789-86-4 | Sulfonic acids, petroleum, calcium salts | Aquatic Chronic 4, H413 | 2-12% |

* 4 First-Aid Measures

- **Description of first aid measures:**
- **General information:**
Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.
- **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Do not induce vomiting without medical advice.
If large quantities are ingested, seek medical advice.
If swallowed and symptoms occur, consult a doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

* 5 Fire-Fighting Measures

- **Extinguishing media:**
- **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture:**
Combustible liquid. Vapors can travel to a source of ignition and flash back.
Explosive mixtures may occur at temperatures at or above flashpoint.
- **Advice for firefighters:**
- **Protective equipment:**
Mouth respiratory protective device.
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

* 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.

(Contd. on page 4)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 01/07/2016

Reviewed on 01/07/2016

Trade name: Noxudol 750

- Ensure adequate ventilation.
- Do not flush with water or aqueous cleansing agents
- Dispose of the collected material according to regulations.
- **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.

*** 7 Handling and Storage**

- **Handling**
- **Precautions for safe handling:**
 - Ensure good ventilation/exhaustion at the workplace.
 - Prevent formation of aerosols.
- **Information about protection against explosions and fires:**
 - Keep ignition sources away - Do not smoke.
 - Protect from heat.
 - Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities:**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in the original container.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
 - Protect from frost.
 - Keep receptacle tightly sealed.
 - Protect from heat and direct sunlight.
- **Specific end use(s):** No further relevant information available.

*** 8 Exposure Controls/Personal Protection**

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**

| | |
|--|--|
| · Components with occupational exposure limits: | |
| 8042-47-5 Mineral Oil | |
| ACGIH TLV | Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³ |
| OSHA PEL | Long-term value: 5 mg/m ³ |
| 64742-48-9 Naphtha (petroleum), hydrotreated heavy | |
| TWA | Short-term value: 600 mg/m ³ , 100 ppm Long-term value: 300 mg/m ³ , 50 ppm |
| 61789-86-4 Sulfonic acids, petroleum, calcium salts | |
| ACGIH | Ceiling limit value: 5 mg/m ³ |
| ACGIH TLV | Ceiling limit value: 5 mg/m ³ |
| OSHA PEL | Ceiling limit value: 5 mg/m ³ |

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 - The usual precautionary measures for handling chemicals should be followed.

(Contd. on page 5)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 01/07/2016

Reviewed on 01/07/2016

Trade name: Noxudol 750

Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.

- **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

- **Material of gloves:** Nitrile rubber, NBR
- **Eye protection:**



Tightly sealed goggles

9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

- **Form:** Liquid
- **Color:** Light brown
- **Odor:** Characteristic
- **Odor threshold:** Not determined.

- **pH-value:** Acidic

· **Change in condition**

- **Melting point/Melting range:** Not determined.
- **Boiling point/Boiling range:** 180 °C (356 °F)

- **Flash point:** 40 °C (104 °F)

- **Flammability (solid, gaseous):** Spontaneous combustability Value: > 200 °C

- **Ignition temperature:** 240 °C (464 °F)

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not self-igniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· **Explosion limits:**

- **Lower:** 0.6 Vol %
- **Upper:** 7.0 Vol %

- **Vapor pressure @ 20 °C (68 °F):** 1.3 hPa (1 mm Hg)
<10 mmHg

- **Density @ 20 °C (68 °F):** 0.85 g/cm³ (7.093 lbs/gal)

- **Relative density:** Not determined.

- **Vapor density:** Not determined.

- **Evaporation rate:** Not determined.

(Contd. on page 6)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 01/07/2016

Reviewed on 01/07/2016

Trade name: Noxudol 750

· **Solubility in / Miscibility with:**

Water: Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic: Not determined.

Kinematic: Not determined.

· **Solvent content:**

Organic solvents: 0.0 %

· **Other information:** No further relevant information available.

*** 10 Stability and Reactivity**

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Heat, flame and ignition sources.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

*** 11 Toxicological Information**

· **Information on toxicological effects:**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

8042-47-5 Mineral Oil

| | | |
|------|------|-------------------|
| Oral | LD50 | >5000 mg/kg (rat) |
|------|------|-------------------|

64742-48-9 Naphtha (petroleum), hydrotreated heavy

| | | |
|------------|---------------|-------------------|
| Oral | LD50 | >5000 mg/kg (rat) |
| Dermal | LD50 | >3000 mg/kg (rab) |
| Inhalative | LC50/4 h | >5000 mg/l (rat) |
| | LC50/96 hours | >100 mg/l (Trout) |

61789-86-4 Sulfonic acids, petroleum, calcium salts

| | | |
|------|------|-------------------|
| Oral | LD50 | 20000 mg/kg (rat) |
|------|------|-------------------|

· **Primary irritant effect:**

· **On the skin:** No irritating effect.

· **On the eye:** No irritating effect.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful

· **Carcinogenic categories:**

· **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

· **NTP (National Toxicology Program):**

None of the ingredients are listed.

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 01/07/2016

Reviewed on 01/07/2016

Trade name: Noxudol 750

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

*** 12 Ecological Information**

· Toxicity:

· Aquatic toxicity:

64742-48-9 Naphtha (petroleum), hydrotreated heavy

| | |
|------|-------------------------|
| EC50 | >100 mg/l (Green algae) |
| | >100 mg/l (daphnia) |

· Persistence and degradability: Biodegradable

· Behavior in environmental systems:

· Bioaccumulative potential:

Low potential to bioaccumulate

Bioaccumulates in the aquatic environment. Log Pow = 2-7, which indicates a low potential of bioaccumulation (the values are estimated).

· Mobility in soil: No further relevant information available.

· Additional ecological information:

· General notes:

Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.

· Results of PBT and vPvB assessment:

· PBT: Not applicable.

· vPvB: Not applicable.

· Other adverse effects: No further relevant information available.

*** 13 Disposal Considerations**

· Waste treatment methods:

· Recommendation:

Observe all federal, state and local environmental regulations when disposing of this material.

· Uncleaned packagings:

· Recommendation: Disposal must be made according to official regulations.

*** 14 Transport Information**

· UN-Number:

· DOT, ADR, IMDG, IATA

UN1139

· UN proper shipping name:

· DOT, IATA

Coating solution

· ADR

UN1139 Coating solution

· IMDG

COATING SOLUTION

· Transport hazard class(es):

· DOT



· Class:

3 Flammable liquids

(Contd. on page 8)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 01/07/2016

Reviewed on 01/07/2016

Trade name: Noxudol 750

· **Label:** 3

· **ADR**



· **Class:** 3 (F1) Flammable liquids
 · **Label:** 3

· **IMDG, IATA**



· **Class:** 3 Flammable liquids
 · **Label:** 3
 · **Packing group:**
 · **DOT, ADR, IMDG, IATA** III
 · **Environmental hazards:** Not applicable.
 · **Special precautions for user:** Warning: Flammable liquids
 · **Danger code (Kemler):** 30
 · **EMS Number:** F-E,S-E
 · **Stowage Category** A
 · **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

· **Transport/Additional information:**

· **DOT**

· **Quantity limitations:** On passenger aircraft/rail: 60 L
 On cargo aircraft only: 220 L

· **ADR**

· **Excepted quantities (EQ):** Code: E1
 Maximum net quantity per inner packaging: 30 ml
 Maximum net quantity per outer packaging: 1000 ml

· **IMDG**

· **Limited quantities (LQ):** 5L
 · **Excepted quantities (EQ):** Code: E1
 Maximum net quantity per inner packaging: 30 ml
 Maximum net quantity per outer packaging: 1000 ml

· **UN "Model Regulation":** UN 1139 COATING SOLUTION, 3, III

*** 15 Regulatory Information**

· **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
 · **SARA (Superfund Amendments and Reauthorization):**

· **Section 355 (extremely hazardous substances):**
 None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**
 None of the ingredients are listed.

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 01/07/2016

Reviewed on 01/07/2016

Trade name: Noxudol 750

| |
|--|
| · TSCA (Toxic Substances Control Act): |
| All ingredients are listed. |
| · California Proposition 65: |
| · Chemicals known to cause cancer: |
| None of the ingredients are listed. |
| · Chemicals known to cause reproductive toxicity for females: |
| None of the ingredients are listed. |
| · Chemicals known to cause reproductive toxicity for males: |
| None of the ingredients are listed. |
| · Chemicals known to cause developmental toxicity: |
| None of the ingredients are listed. |
| · Carcinogenic categories: |
| · EPA (Environmental Protection Agency): |
| None of the ingredients are listed. |
| · TLV (Threshold Limit Value established by ACGIH): |
| None of the ingredients are listed. |
| · NIOSH-Ca (National Institute for Occupational Safety and Health): |
| None of the ingredients are listed. |

· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:**



GHS02 GHS07 GHS08

· **Signal word:** Danger

· **Hazard-determining components of labeling:**

Naphtha (petroleum), hydrotreated heavy

· **Hazard statements:**

Flammable liquid and vapor.
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.

· **Precautionary statements:**

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Use explosion-proof electrical/ventilating/lighting/equipment.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Wear protective gloves / eye protection / face protection.
Ground/bond container and receiving equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor if you feel unwell.

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 01/07/2016

Reviewed on 01/07/2016

Trade name: Noxudol 750

- Do NOT induce vomiting.
- In case of fire: Use for extinction: CO2, powder or water spray.
- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Store in a well-ventilated place. Keep cool.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

· National regulations:

The product is subject to be classified according with the latest version of the regulations on hazardous substances.

· State Right to Know:

| | | | |
|-----------------------------|--|---|--------|
| 8042-47-5 | Mineral Oil | | 40-60% |
| 64742-48-9 | Naphtha (petroleum), hydrotreated heavy | ⚠ Asp. Tox. 1, H304; Flam. Liq. 4, H227 | 25-50% |
| 61789-86-4 | Sulfonic acids, petroleum, calcium salts | Aquatic Chronic 4, H413 | 2-12% |
| All ingredients are listed. | | | |

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

*** 16 Other Information**

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· Date of preparation / last revision: 01/07/2016 / 4

· Abbreviations and acronyms:

- ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- ACGIH: American Conference of Governmental Industrial Hygienists
- 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)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety
- OSHA: Occupational Safety & Health
- TLV: Threshold Limit Value
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit
- Flam. Liq. 3: Flammable liquids, Hazard Category 3
- Flam. Liq. 4: Flammable liquids, Hazard Category 4
- STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
- Asp. Tox. 1: Aspiration hazard, Hazard Category 1
- Aquatic Chronic 4: Hazardous to the aquatic environment - Chronic Hazard, Category 4

· * Data compared to the previous version altered.

SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106