

SAFETY DATA SHEET**Noxudol 750**

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

| | |
|-------------|------------|
| Date issued | 29.01.2018 |
|-------------|------------|

1.1. Product identifier

| | |
|--------------|-------------|
| Product name | Noxudol 750 |
| Article no. | 30300 |

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

| | |
|------------------------------------|---|
| Use of the substance / preparation | Corrosion inhibitor |
| Relevant identified uses | SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites PC6 Automotive Care Products*** PC14 Metal surface treatment products, including galvanic and electroplating products, |

1.3. Details of the supplier of the safety data sheet**Manufacturer**

| | |
|------------------|--|
| Company name | Auson AB |
| Postal address | Verkstadsgratan 3 |
| Postcode | S-434 42 |
| City | KUNGSBACKA |
| Country | SVERIGE |
| Telephone number | +46 300-562000 |
| Fax | +46 300-562021 |
| Email | nina.nyth@auson.se |
| Website | http://www.auson.se/ |
| Contact person | Nina Nyth |

1.4. Emergency telephone number

| | |
|---------------------|---|
| Emergency telephone | Telephone number: 112 Description: SOS Alarm |
|---------------------|---|

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

| | |
|--|--------------------|
| Classification according to Regulation (EC) No 1272/2008 [CLP / GHS] | Flam. Liq. 3; H226 |
| | Skin Sens. 1; H317 |
| | STOT SE 3; H336 |
| | EUH 066 |

2.2. Label elements

Hazard pictograms (CLP)



| | |
|--------------------------------|--|
| Composition on the label | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% 45 – 50 %, Calcium sulfonate 4 – 7 %, Wool fatty acid, pentaerythritol ester 15 -20 %, Baseoil – unspecified, Distillates (petroleum), solvent-refined heavy paraffinic (DMSO-extract <3%) 15 -20 %, Technical petrolatum 5 -10 %, 2-Butoxyethanol < 1 % |
| Signal word | Warning |
| Hazard statements | H226 Flammable liquid and vapour. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. |
| Precautionary statements | P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing vapours. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents at hazardous or special waste collection point. |
| Supplemental label information | EUH 066 Repeated exposure may cause skin dryness or cracking. |
| EC label | Yes |
| VOC | Product subcategory : Special finishes Relevant VOC limit values: 840 g/l Maximum content of VOC: 412,8 g/l |

2.3. Other hazards

| | |
|-----------------------------|-----------|
| Hazard description, general | Flammable |
| Other hazards | None |

SECTION 3: Composition / information on ingredients

3.2. Mixtures

| Substance | Identification | Classification | Contents |
|---------------------------|---------------------|--------------------|-----------|
| Naphtha (petroleum) , hy- | CAS No.: 64742-48-9 | Flam. Liq. 3; H226 | 45 – 50 % |

| | | | |
|---|---|---|----------|
| drotreated heavy, benzene < 0,1% | EC No.: 265-150-3 Index No.: 649-327-00-6 | Asp. tox 1; H304 STOT SE3; H336 EUH 066 | |
| Calcium sulfonate | CAS No.: 61789-86-4 EC No.: 263-093-9 | Skin Sens. 1; H317 | 4 – 7 % |
| Wool fatty acid, pentaerythritol ester | CAS No.: 68440-09-5 EC No.: 270-434-5 | | 15 -20 % |
| Baseoil – unspecified, Distillates (petroleum) , solvent-refined heavy paraffinic (DM-SO-extract <3%) | CAS No.: 64741-88-4 EC No.: 265-090-8 Index No.: 649-454-00-7 | | 15 -20 % |
| Technical petrolatum | CAS No.: 8009-03-8 EC No.: 232-373-2 | | 5 -10 % |
| 2-Butoxyethanol | CAS No.: 111-76-2 EC No.: 203-905-0 | Acute tox. 4; H302 Acute tox. 4; H312 Acute tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 | < 1 % |
| Remarks, substance | See section 16 for explanation of hazard statements (H) listed above. | | |
| Substance comments | H304 is not required on the label due to the product's viscosity. | | |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|--|
| General | If symptoms persist, call a physician. |
| Inhalation | Fresh air and rest. |
| Skin contact | Remove contaminated clothing. Wash the skin with water and soap. |
| Eye contact | Flush immediately with water for at least 5 minutes. |
| Ingestion | DO NOT INDUCE VOMITING! Get medical advice if large quantities have been consumed. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|------------------------------|---|
| General symptoms and effects | The most important known symptoms and effects are described in the labelling (see section 2.2). |
|------------------------------|---|

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|-------------------------------|---------------------------|
| Specific details on antidotes | No information available. |
|-------------------------------|---------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|------------------------------|---|
| Suitable extinguishing media | Dry chemical, foam or carbon dioxide (CO2). |
| Improper extinguishing media | Do not use a direct water jet that could spread the fire. |

5.2. Special hazards arising from the substance or mixture

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|----------------------------|--|
| Fire and explosion hazards | Flammable. Vapours may form explosive mixtures with air. |
|----------------------------|--|

5.3. Advice for firefighters

| | |
|-------------------|--|
| Other information | Containers near fire must be moved and/or cooled with water. |
|-------------------|--|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------------------|---|
| Personal protection measures | Refer to protective measures listed in section 8. |
|------------------------------|---|

6.2. Environmental precautions

| | |
|--------------------------------------|---|
| Environmental precautionary measures | Do not allow spill to enter sewers or watercourses. |
|--------------------------------------|---|

6.3. Methods and material for containment and cleaning up

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|----------|--|
| Clean up | Collect with absorbent, non-combustible material into suitable containers. Clean with water. |
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6.4. Reference to other sections

| | |
|--------------------|-------------------------------|
| Other instructions | See Section 8 and section 13. |
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|----------|---|
| Handling | Provide adequate ventilation. Avoid contact with skin and eyes. |
|----------|---|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|---------|---|
| Storage | Store in sealed, original containers in well-ventilated place. Shelf life 24 months if stored and handled as recommended. |
|---------|---|

7.3. Specific end use(s)

| | |
|-----------------|-----------------|
| Specific use(s) | See Section 1.2 |
|-----------------|-----------------|

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

| Substance | Identification | Value | TWA Year |
|---|---------------------|----------------------------------|----------------|
| Naphtha (petroleum) , hydrotreated heavy, benzene < 0,1% | CAS No.: 64742-48-9 | TWA (8h) : 50 ppm | TWA Year: 2011 |
| | | TWA (8h) : 300 mg/m ³ | |
| | | OEL short term value | |
| | | Value: 100 ppm | |
| Baseoil – unspecified, Distillates (petroleum) , solvent- | CAS No.: 64741-88-4 | TWA (8h) : 1 mg/m ³ | TWA Year: 1990 |
| | | OEL short term value | |
| | | Value: 600 mg/m ³ | |
| | | | |

| | | |
|--|-------------------|---|
| refined heavy paraffinic (DM-SO-extract <3%) | | Value: 3 mg/m ³ |
| 2-Butoxyethanol | CAS No.: 111-76-2 | TWA (8h) : 98 mg/m ³ TWA (8h) : 20 ppm OEL short term value Value: 246 mg/m ³ OEL short term value Value: 50 ppm |

DNEL / PNEC

| | |
|--|---------------------------|
| Summary of risk management measures, human | No information available. |
| Summary of risk management measures, environment | No information available. |

8.2. Exposure controls

Safety signs



Precautionary measures to prevent exposure

| | |
|----------------------------------|--|
| Appropriate engineering controls | No smoking, fire, sparks or welding. Eye wash facilities and emergency shower must be available when handling this product. Keep containers closed, as much as possible. Provide good ventilation. |
|----------------------------------|--|

Eye / face protection

| | |
|-------------------------|--|
| Suitable eye protection | Wear approved, tight fitting safety glasses where splashing is probable. |
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Hand protection

| | |
|--|--|
| Skin- / hand protection, long term contact | Protective gloves must be used if there is a risk of direct contact or splashes. |
| Suitable materials | Nitrile rubber. |
| Breakthrough time | Value: > 480 min Comments: Change protective gloves regularly in order to avoid penetration problems. |
| Thickness of glove material | Value: ≥ 0,38 mm |

Skin protection

| | |
|------------------------|-------------------------------------|
| Skin protection remark | Wear protective clothing as needed. |
|------------------------|-------------------------------------|

Respiratory protection

| | |
|-------------------------------------|---|
| Respiratory protection necessary at | Use respiratory protection when handling the product in confined areas. |
| Recommended respiratory protection | Filter apparatus type: Respirator with A filter (brown). |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Physical state | Slightly viscous liquid |
| Colour | Light brown |
| Odour | Characteristic. |
| Odour limit | Comments: Not determined. |
| Melting point / melting range | Comments: Not determined. |
| Boiling point / boiling range | Value: 150 |
| Flash point | Value: 40 °C |
| Vapour pressure | Value: < 10 |
| Density | Value: ~ 850 kg/m ³ Temperature: 20 °C |
| Solubility | Comments: Soluble in organic solvents. |
| Partition coefficient: n-octanol/water | Comments: Not determined. |
| Spontaneous combustability | Value: > 200 °C |

9.2. Other information

Other physical and chemical properties

| | |
|----------|--|
| Comments | No further relevant information available. |
|----------|--|

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|------------|--|
| Reactivity | Keep away from heat / sparks / open flames / hot surfaces. — No smoking. |
|------------|--|

10.2. Chemical stability

| | |
|-----------|------------------------------|
| Stability | Stable with normal handling. |
|-----------|------------------------------|

10.3. Possibility of hazardous reactions

| | |
|------------------------------------|-------------------------------|
| Possibility of hazardous reactions | No hazardous reactions known. |
|------------------------------------|-------------------------------|

10.4. Conditions to avoid

| | |
|---------------------|---------------------------|
| Conditions to avoid | No information available. |
|---------------------|---------------------------|

10.5. Incompatible materials

| | |
|--------------------|-------------------------------|
| Materials to avoid | No hazardous reactions known. |
|--------------------|-------------------------------|

10.6. Hazardous decomposition products

Hazardous decomposition products

No hazardous decomposition products. Fire causes formation of: Carbon monoxide, carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|----------------|---|
| Substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Acute toxicity | <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: > 2000 mg/kg Animal test species: rat</p> <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Value: > 2000 mg/kg Animal test species: rabbit</p> <p>Type of toxicity: Acute Effect tested: LC50 Route of exposure: Inhalation. Duration: 4h Value: > 5000 mg/m³ Animal test species: rat</p> |
| Substance | Baseoil – unspecified, Distillates (petroleum), solvent-refined heavy paraffinic (DMSO-extract <3%) |
| Acute toxicity | <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: > 2000 mg/kg</p> <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Value: > 2000 mg/kg</p> |

Other information regarding health hazards

| | |
|---|--|
| Acute toxicity, human experience | Not classified. |
| Skin corrosion / irritation, human experience | May cause an allergic skin reaction. |
| Eye damage or irritation, human experience | Reliable information on eye effects is lacking. There is no reason to suspect such effects, but handle it with care and report any symptoms or injuries to the manufacturer or the distributor |
| General | Solvent vapours may evaporate from the product. The symptoms below are applicable to the properties of the solvents. |
| Inhalation | May cause headache and dizziness. Inhalation of high vapour concentrations may cause symptoms such as headache, dizziness, fatigue, nausea and vomiting. |

| | |
|--|---|
| Skin contact | Defats the skin; may cause cracking and dermatitis. |
| Eye contact | Vapour or splashes in the eyes may cause irritation and smarting. |
| Ingestion | Nausea and vomiting. |
| Assessment of germ cell mutagenicity, classification | The chemical structure does not suggest a mutagenic effect. |
| Carcinogenicity, other information | Does not present any cancer or reproductive hazards. |
| Reproductive toxicity | The chemical structure does not suggest such an effect. |
| Specific target organ toxicity SE, human experience | May cause drowsiness or dizziness. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|------------------------|--|
| Substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Acute aquatic, fish | Value: > 100 mg/L Test duration: 96h Method: LC50 |
| Substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Acute aquatic, algae | Value: > 100 mg/L Test duration: 72h Method: EC50 |
| Substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Acute aquatic, Daphnia | Value: > 100 mg/L Test duration: 48h Method: EC50 |
| Ecotoxicity | Ecotoxicity data are not known for this product. |

12.2. Persistence and degradability

| | |
|---|-------------------------|
| Persistence and degradability, comments | Not readily degradable. |
|---|-------------------------|

12.3. Bioaccumulative potential

| | |
|---------------------------|-------------------------------------|
| Bioaccumulative potential | Has the potential to bioaccumulate. |
|---------------------------|-------------------------------------|

12.4. Mobility in soil

| | |
|----------|--------------------|
| Mobility | No data available. |
|----------|--------------------|

12.5. Results of PBT and vPvB assessment

| | |
|------------------------|---|
| PBT assessment results | The product does not contain any PBT or vPvB substance. |
|------------------------|---|

12.6. Other adverse effects

| | |
|---------------------------------|---|
| Other adverse effects, comments | Quantitative data on the ecological effects of this product are not available. Do not |
|---------------------------------|---|

| | |
|--|---|
| | allow to enter waters, waste water or soil. |
|--|---|

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|---|--|
| Specify the appropriate methods of disposal | Dispose of in compliance with local regulations. |
| EWC waste code | EWC waste code: 130205 mineral-based non-chlorinated engine, gear and lubricating oils Classified as hazardous waste: Yes |
| EWL packing | Classified as hazardous waste: No |

SECTION 14: Transport information

| | |
|-----------------|-----|
| Dangerous goods | Yes |
|-----------------|-----|

14.1. UN number

| | |
|-----------------|------|
| ADR / RID / ADN | 1139 |
| IMDG | 1139 |
| ICAO / IATA | 1139 |

14.2. UN proper shipping name

| | |
|---|--------------------|
| Proper shipping name english ADR / RID / ADN | COATING SOLUTION |
| ADR / RID / ADN | COATING SOLUTION |
| Technical name / danger releasing substance ADR / RID / ADN | Petroleum products |
| IMDG | COATING SOLUTION |
| Technical name / danger releasing substance IMDG | Petroleum products |
| ICAO / IATA | COATING SOLUTION |
| Technical name / danger releasing substance ICAO | Petroleum products |

14.3. Transport hazard class(es)

| | |
|-------------------------------------|----|
| ADR / RID / ADN | 3 |
| Classification code ADR / RID / ADN | F1 |
| IMDG | 3 |
| ICAO / IATA | 3 |

14.4. Packing group

| | |
|-----------------|-----|
| ADR / RID / ADN | III |
|-----------------|-----|

| | |
|-------------|-----|
| IMDG | III |
| ICAO / IATA | III |

14.5. Environmental hazards

| | |
|-----------------|----|
| ADR / RID / ADN | No |
| IMDG | No |

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

| | |
|--------------|------------------|
| Product name | COATING SOLUTION |
|--------------|------------------|

Additional information

| | |
|------------------------------|------------------|
| ADR / RID / ADN hazard label | 3 |
| IMDG Hazard label | 3 |
| ICAO / IATA Hazard label | 3 |
| Additional information | Limited quantity |

ADR / RID - Other information

| | |
|----------------------------------|-----|
| Tunnel restriction code | D/E |
| Transport category | 3 |
| Hazard No. | 30 |
| RID other applicable information | 30 |

IMDG / ICAO / IATA Other information

| | |
|-----|-----------------|
| EmS | F-E, <u>S-E</u> |
|-----|-----------------|

SECTION 15: Regulatory information

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

| | |
|-------------------------------|---|
| EEC-directive | 2006/121/2006 |
| References (laws/regulations) | The product is classified and labelled in accordance with EEC guidelines or national legislation. |
| Legislation and regulations | Regulation (EC) nr. 2015/830 Regulation (EC) nr. 1272/2008. |

15.2. Chemical safety assessment

| | |
|--------------------------------------|----|
| Chemical safety assessment performed | No |
|--------------------------------------|----|

SECTION 16: Other information

| | |
|--|---|
| Supplier's notes | These data are based on our best knowledge to date, however they do not imply any guarantee on the properties or quality of the product. |
| List of relevant H-phrases (Section 2 and 3) | EUH 066 Repeated exposure may cause skin dryness or cracking. H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. |
| Classification according to Regulation (EC) No 1272/2008 [CLP / GHS] | Flam. Liq. 3; H226 Skin Sens. 1; H317 STOT SE 3; H336 EUH 066 |
| Version | 10 |
| Expired date | 29.01.2021 |