

**Safety data sheet**  
**according to UK REACH (SI 2020/1577) as amended**

Printing date 30.01.2025

Version number 2 (replaces version 1)

Revision: 30.01.2025

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

· **1.1 Product identifier**

· **Trade name:** Ultrasol X-NT 750

· **Product Code:** HS0145

· **Registration number** Mixture

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

· **Product category** PC25 Metal working fluids

· **Application of the substance / the mixture** Metal working fluid

· **Uses advised against** Any use not specified above.

· **1.3 Details of the supplier of the safety data sheet**

· **Supplier:**

Pennine Lubricants Ltd

32 Atlas Way

Sheffield

S4 7QQ

Tel: 0114 285 2987

Email: Admin@penninelubricants.co.uk

· **Further information obtainable from:** Product safety department.

· **1.4 Emergency telephone number:**

Members of the public seeking specific information on poisons should contact:

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

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\* **SECTION 2: Hazards identification**

· **2.1 Classification of the substance or mixture**

· **Classification according to GB-CLP**

Eye Irrit. 2 H319 Causes serious eye irritation.

· **Additional information:**

The classification is for the product as supplied. The product is diluted in water prior to use.

When diluted to the recommended concentration, the product is not classified as hazardous.

· **2.2 Label elements**

· **Labelling according to GB-CLP** The product is classified and labelled according to the GB CLP regulation.

· **Hazard pictograms**



GHS07

· **Signal word** Warning

· **Hazard statements**

H319 Causes serious eye irritation.

· **Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local regulations.

(Contd. on page 2)

## Safety data sheet

### according to UK REACH (SI 2020/1577) as amended

Printing date 30.01.2025

Version number 2 (replaces version 1)

Revision: 30.01.2025

**Trade name: Ultrasol X-NT 750**

(Contd. of page 1)

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### \* SECTION 3: Composition/information on ingredients

#### · 3.2 Mixtures

##### · **Description:**

An aqueous blend of highly refined mineral oils, emulsifiers and multifunctional additives.  
 This product is applied only as a solution or emulsion in water.

##### · **Dangerous components:**

Neutralisation product	Phosphate ether, neutralised ⚠ Eye Irrit. 2, H319	2.5 – < 10%
Neutralisation product	Alkyl ether carboxylate, neutralised ⚠ Eye Irrit. 2, H319	2.5 – < 10%
Neutralisation product	Alkyl triamine, neutralised ⚠ Acute Tox. 3, H311; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 3, H412 ATE: LD50 oral: 500 mg/kg LD50 dermal: 300 mg/kg	2.5 – < 10%
CAS: 122-99-6 EINECS: 204-589-7 Index number: 603-098-00-9 Reg.nr.: 01-2119488943-21-XXXX	2-phenoxyethanol ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; STOT SE 3, H335 ATE: LD50 oral: 1,394 mg/kg	2.5 – < 3%
CAS: 68002-96-0 EC number: 614-209-5	Alcohols, C16-18, ethoxylated propoxylated ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319 ATE: LD50 oral: 500 mg/kg	1 – 2.5%
CAS: 112-34-5 EINECS: 203-961-6 Index number: 603-096-00-8 Reg.nr.: 01-2119475104-44-XXXX	2-(2-Butoxyethoxy)ethanol ⚠ Eye Irrit. 2, H319	1 – 2.5%
CAS: 68526-86-3 EINECS: 271-235-6 Reg.nr.: 01-2119454259-32-XXXX	Alcohols, C11-C14-ISO-, C13-rich ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315	1 – < 2.5%
CAS: 3811-73-2 EINECS: 223-296-5 Index number: 613-344-00-7 Reg.nr.: 01-2119493385-28-XXXX	Sodium pyridine thione ⚠ Acute Tox. 3, H311; Acute Tox. 3, H331; ⚠ STOT RE 1, H372; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317, EUH070 ATE: LD50 oral: 500 mg/kg LD50 dermal: 790 mg/kg LC50/4 h inhalative: 0.5 mg/l	0.025 – < 0.1%

##### · **Additional information:**

Neutralisation products are exempt from registration in accordance with UK REACH Annex V, 4.  
 Mineral oil contains <3% DMSO extract as measured by IP346.  
 For the wording of the listed hazard phrases refer to section 16.

— GB —

(Contd. on page 3)

**Safety data sheet**  
**according to UK REACH (SI 2020/1577) as amended**

Printing date 30.01.2025

Version number 2 (replaces version 1)

Revision: 30.01.2025

---

**Trade name: Ultrasol X-NT 750**

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(Contd. of page 2)

**SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Check for and remove any contact lenses.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Wash mouth out with water  
Do not induce vomiting; call for medical help immediately.  
If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
- **Information for doctor:** Treat symptomatically and supportively.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
Hand over this safety data sheet to the physician with the special comment "watermiscible cutting fluid".

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with alcohol resistant foam.  
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Carbon monoxide and carbon dioxide  
Nitrogen oxides (NO<sub>x</sub>)  
Phosphorous oxides  
Sulphur Oxides (SO<sub>x</sub>)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Do not inhale explosion gases or combustion gases.  
Wear fully protective suit.
- **Additional information**  
Cool endangered receptacles with water spray.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**  
Do not allow to penetrate the ground/soil.  
Do not allow product to reach sewage system or any water course.

(Contd. on page 4)

GB

## Safety data sheet

### according to UK REACH (SI 2020/1577) as amended

Printing date 30.01.2025

Version number 2 (replaces version 1)

Revision: 30.01.2025

Trade name: **Ultrasol X-NT 750**

(Contd. of page 3)

- **6.3 Methods and material for containment and cleaning up:**  
Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
- **6.4 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.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
- **Information about storage in one common storage facility:**  
Do not store together with acids.  
Store away from oxidising agents.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.  
Protect from frost.  
Store in a bunded area.
- **Storage class:** 12
- **7.3 Specific end use(s)** No further relevant information available.

## \* SECTION 8: Exposure controls/personal protection

### · 8.1 Control parameters

#### · **Ingredients with limit values that require monitoring at the workplace:**

**CAS: 112-34-5 2-(2-Butoxyethoxy)ethanol**

WEL	Short-term value: 101.2 mg/m <sup>3</sup> , 15 ppm
	Long-term value: 67.5 mg/m <sup>3</sup> , 10 ppm

#### · **DNELs**

**CAS: 64742-52-5 Hydrotreated heavy naphthenic distillate**

Oral	Long-term systemic effects	740 µg/kg bw/day (general population)
Dermal	Long-term systemic effects	970 µg/kg bw/day (worker)
Inhalative	Long-term systemic effects	2.73 mg/m <sup>3</sup> (worker)
	Long-term local effects	1.19 mg/m <sup>3</sup> (general population) 5.58 mg/m <sup>3</sup> (worker)

**CAS: 122-99-6 2-phenoxyethanol**

Oral	Long-term systemic effects	9.23 mg/kg bw/day (general population)
	Short-term systemic effects	9.23 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	10.42 mg/kg bw/day (general population) 20.83 mg/kg bw/day (worker)

(Contd. on page 5)

## Safety data sheet

### according to UK REACH (SI 2020/1577) as amended

Printing date 30.01.2025

Version number 2 (replaces version 1)

Revision: 30.01.2025

**Trade name: Ultrasol X-NT 750**

(Contd. of page 4)

Inhalative	Long-term systemic effects	2.41 mg/m <sup>3</sup> (general population) 5.7 mg/m <sup>3</sup> (worker)
	Long-term local effects	2.41 mg/m <sup>3</sup> (general population) 5.7 mg/m <sup>3</sup> (worker)
<b>CAS: 112-34-5 2-(2-Butoxyethoxy)ethanol</b>		
Oral	Long-term systemic effects	6.25 mg/kg bw/day (general population)
Inhalative	Long-term local effects	67.5 mg/m <sup>3</sup> (worker)
	Short-term local effects	101.2 mg/m <sup>3</sup> (worker)
<b>CAS: 68526-86-3 Alcohols, C11-C14-ISO-, C13-rich</b>		
Oral	Long-term systemic effects	25 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	250 mg/kg bw/day (general population) 417 mg/kg bw/day (worker)
	Long-term systemic effects	43.5 mg/m <sup>3</sup> (general population) 147.9 mg/m <sup>3</sup> (worker)
Inhalative	Long-term systemic effects	43.5 mg/m <sup>3</sup> (general population) 147.9 mg/m <sup>3</sup> (worker)
<b>· PNECs</b>		
<b>CAS: 64742-52-5 Hydrotreated heavy naphthenic distillate</b>		
Secondary poisoning		9.33 mg/kg food
<b>CAS: 122-99-6 2-phenoxyethanol</b>		
Freshwater		943 µg/L
Freshwater - Intermittent releases		3.44 mg/L
Marine water		94.3 µg/L
Sewage Treatment Plant		36 mg/L
Sediment (freshwater)		7.237 mg/kg
Sediment (marine water)		723.7 µg/kg
Soil		1.31 mg/kg
<b>CAS: 112-34-5 2-(2-Butoxyethoxy)ethanol</b>		
Freshwater		1.1 mg/L
Freshwater - Intermittent releases		11 mg/L
Marine water		110 µg/L
Sediment (freshwater)		4.4 mg/kg
Sediment (marine water)		440 µg/kg
Soil		320 µg/kg
Secondary poisoning		56 mg/kg food
<b>CAS: 68526-86-3 Alcohols, C11-C14-ISO-, C13-rich</b>		
Freshwater		5 µg/L
Freshwater - Intermittent releases		4.2 µg/L
Marine water		500 ng/L
Sewage Treatment Plant		105.3 mg/L
Sediment (freshwater)		370 µg/kg
Sediment (marine water)		40 µg/kg
Soil		150 µg/kg

· **Additional information:** The lists valid during the making were used as basis.

(Contd. on page 6)

## Safety data sheet

### according to UK REACH (SI 2020/1577) as amended

Printing date 30.01.2025

Version number 2 (replaces version 1)

Revision: 30.01.2025

Trade name: **Ultrasol X-NT 750**

(Contd. of page 5)

#### · 8.2 Exposure controls

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Take note of assigned Workplace Exposure Limits.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

Ensure that eyewash stations and safety showers are close to the workstation location.

· **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.

· **Hand protection**



Protective gloves.

Use gloves tested and approved under appropriate government standards such as NIOSH (US) or EN374 (EU).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Nitrile rubber, NBR

Neoprene gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

Break-through time: > 480 minutes

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**



Safety glasses with side-shields conforming to EN166.

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

· **Body protection:**



Protective work clothing

Body protection must be chosen depending on product properties, activity and possible exposure.

· **Environmental exposure controls** Do not allow to enter drains, sewers or watercourses.

· **Risk management measures** The operators shall be instructed adequately.

## SECTION 9: Physical and chemical properties

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

· **General Information**

· **Physical state**

Liquid

· **Colour:**

Amber coloured

· **Odour:**

Characteristic

(Contd. on page 7)

GB

## Safety data sheet

according to UK REACH (SI 2020/1577) as amended

Printing date 30.01.2025

Version number 2 (replaces version 1)

Revision: 30.01.2025

Trade name: **Ultrasol X-NT 750**

(Contd. of page 6)

· <b>Odour threshold:</b>	Not determined.
· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Boiling point or initial boiling point and boiling range</b>	100 °C (CAS: 7732-18-5 Water)
· <b>Flammability</b>	Not applicable.
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.
· <b>Flash point:</b>	Not applicable.
· <b>Decomposition temperature:</b>	Not determined.
· <b>pH at 20 °C</b>	9.1 (5%)
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>Dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>water:</b>	Fully miscible.
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C:</b>	0.955 – 0.966 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
<b>9.2 Other information</b>	
· <b>Appearance:</b>	
· <b>Form:</b>	Liquid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Ignition temperature:</b>	Product is not self-igniting.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Solvent content:</b>	
· <b>VOC (EC)</b>	5.11 %
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not determined.
<b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void

(Contd. on page 8)

GB

## Safety data sheet

### according to UK REACH (SI 2020/1577) as amended

Printing date 30.01.2025

Version number 2 (replaces version 1)

Revision: 30.01.2025

Trade name: **Ultrasol X-NT 750**

(Contd. of page 7)

· <b>Desensitised explosives</b>	Void
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### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Heat and static discharge.
- **10.5 Incompatible materials:**
  - Strong acids.
  - Strong bases.
  - Strong oxidising agents.
- **10.6 Hazardous decomposition products:**
  - Carbon monoxide and carbon dioxide
  - Nitrogen oxides (NO<sub>x</sub>)
  - Phosphorus oxides (e.g. P<sub>2</sub>O<sub>5</sub>)
  - Sulphur oxides (SO<sub>x</sub>)

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

#### ATE (Acute Toxicity Estimates)

Oral	LD50	8,468.4 mg/kg
Dermal	LD50	10,000 mg/kg

#### CAS: 64742-52-5 Hydrotreated heavy naphthenic distillate

Oral	LD50	> 5,000 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rat)

#### CAS: 122-99-6 2-phenoxyethanol

Oral	LD50	1,394 mg/kg (ATE) 1,394 mg/kg (rat)
Dermal	LD50	5,000 mg/kg (rabbit)

#### CAS: 112-34-5 2-(2-Butoxyethoxy)ethanol

Oral	LD50	> 2,000 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rabbit)

#### CAS: 3811-73-2 Sodium pyridine thione

Oral	LD50	500 mg/kg (ATE)
Dermal	LD50	790 mg/kg (ATE)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.

(Contd. on page 9)

## Safety data sheet

### according to UK REACH (SI 2020/1577) as amended

Printing date 30.01.2025

Version number 2 (replaces version 1)

Revision: 30.01.2025

Trade name: **Ultrasol X-NT 750**

(Contd. of page 8)

- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **Subacute to chronic toxicity:** Prolonged or repeated skin contact may irritate and cause dermatitis.

- **Additional toxicological information:**

Current and relevant legislation requires exposure to metalworking fluids by inhalation, ingestion or skin contact to be prevented where reasonably practicable, or failing that, adequately controlled.

Exposure to metalworking fluids can cause irritation of the skin, dermatitis and breathing problems following repeated exposure. Additionally, if not controlled properly, fluid systems that contain water-mixes can become highly contaminated with microorganisms. These organisms, their metabolites and their remains can affect human health if they should enter the breathing zones of workers and other persons leading to chronic respiratory diseases. Such contamination of fluids and associated machinery and pipework must be appropriately monitored and controlled. Direct means of measuring such contamination must be used in conjunction with other relevant checks on fluid quality. Also, systems containing water-mixes must be appropriately cleaned on a regular basis.

- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

CAS: 540-97-6	Dodecamethylhexacyclosiloxane	List II
CAS: 541-02-6	Decamethylcyclopentasiloxane	List II
CAS: 556-67-2	octamethylcyclotetrasiloxane	List II; III

## SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

**CAS: 112-34-5 2-(2-Butoxyethoxy)ethanol**

EC50 (96 h) > 100 mg/l (Bacteria)

**CAS: 68526-86-3 Alcohols, C11-C14-ISO-, C13-rich**

EC50 (72 h) 3.2 mg/l (algae)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** Contains components with the potential to bioaccumulate.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

## SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Recommended Hierarchy of Controls:

- Minimise waste;
- Reuse if not contaminated;

(Contd. on page 10)

## Safety data sheet

### according to UK REACH (SI 2020/1577) as amended

Printing date 30.01.2025

Version number 2 (replaces version 1)

Revision: 30.01.2025

**Trade name: Ultrasol X-NT 750**

(Contd. of page 9)

- Recycle, if possible; or
- Safe disposal (if all else fails).

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

**· UK List of Waste**

12 00 00	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01 00	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 09*	machining emulsions and solutions free of halogens

**· Uncleaned packaging:**
**· Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Disposal must be made according to official regulations.

Containers, even those that are "empty," may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

## SECTION 14: Transport information

· <b>14.1 UN number or ID number</b> · ADR/RID/ADN, IMDG, IATA	Not applicable
· <b>14.2 UN proper shipping name</b> · ADR/RID/ADN, IMDG, IATA	Not applicable
· <b>14.3 Transport hazard class(es)</b> · ADR/RID/ADN, ADN, IMDG, IATA · Class	Not applicable
· <b>14.4 Packing group</b> · ADR/RID/ADN, IMDG, IATA	Not applicable
· <b>14.5 Environmental hazards:</b>	Not applicable.
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>UN "Model Regulation":</b>	Not applicable

## SECTION 15: Regulatory information

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

**· Poisons Act**
**· Regulated explosives precursors**

None of the ingredients are listed.

**· Regulated poisons**

None of the ingredients are listed.

(Contd. on page 11)

## Safety data sheet

according to UK REACH (SI 2020/1577) as amended

Printing date 30.01.2025

Version number 2 (replaces version 1)

Revision: 30.01.2025

**Trade name: Ultrasol X-NT 750**

(Contd. of page 10)

**· Reportable explosives precursors**

None of the ingredients are listed.

**· Reportable poisons**

None of the ingredients are listed.

**· Control Of Major Accident Hazards Regulations 2015 (COMAH)****· Named dangerous substances - ANNEX I** None of the ingredients are listed.**· National regulations:****· Information about limitation of use:**

Class	Share in %
NK	5.1

**· 15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

**· Relevant phrases**

- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H335 May cause respiratory irritation.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- EUH070 Toxic by eye contact.

**· Training hints**

This product should only be handled by workers who have received sufficient training in the safe handling and use of chemical products.

**· Department issuing SDS:** Product safety department.**· Abbreviations and acronyms:**

- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- 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)
- VOC: Volatile Organic Compounds (USA, EU)
- DNEL: Derived No-Effect Level (UK REACH)
- PNEC: Predicted No-Effect Concentration (UK REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative

(Contd. on page 12)

**Safety data sheet**  
**according to UK REACH (SI 2020/1577) as amended**

Printing date 30.01.2025

Version number 2 (replaces version 1)

Revision: 30.01.2025

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**Trade name: Ultrasol X-NT 750**

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(Contd. of page 11)

ATE: Acute toxicity estimate values

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 3: Acute toxicity – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· **\* Data compared to the previous version altered.**

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