



# NORTHERN ENVIRONMENTAL

## **1. Identification of the Substance/Preparation & Supplier.**

**Supplier:** Northern Environmental Supplies Ltd.  
427b Thorp Arch Trading Estate, Wetherby. LEEDS. LS23 7BJ.  
TEL: 0800 808 7887

**In case of Emergency call: 07854 96 22 95**

**Product Name:** Auto rinse aid XL (T328)

**Product Type:** Rinse Aid for Dish and Glass Washing Machines.

## **2. Composition/Information on Ingredients.**

Hazardous component:	Cas No.	Index	Risk Phrases:	Concentration:
Ethanol	64-17-5	F	R11	<20%

## **3. Hazards Identification.**

Classified as Flammable under CHIP regulations.

## **4. First Aid Measures.**

**Eye Contact:** Flush with plenty of clean water for at least 15 minutes. If irritation persists, obtain medical attention.

**Skin Contact:** Wash off with soap and water.

**Inhalation:** Remove to fresh air, give artificial respiration if breathing has stopped, seek medical advice.

**Ingestion:** Milk or water to drink may be beneficial. Do not induce vomiting without medical advice.

## **5. Fire Fighting Measures:**

**Flammability:** Classified as flammable. If involved in fire may emit noxious fumes.

**Extinguishing Media:** Small fires use Dry Powder or Carbon Dioxide extinguishers. Large fires use Foam or Water spray. Do not use water jets.

**Protective Equipment:** Use water spray to reduce vapours. Standard protective equipment, breathing apparatus.

## **6. Accidental Release Measures.**

Wear gloves/eye protection. Do not allow product to soak into drains or water courses. Soak liquid in absorbent material and collect solids in a container. Wash down floor area as spillages can be slippery.

## **7. Handling and Storage.**

**Storage Precautions:** Store between 0-35°C. Keep in tightly closed containers. Protect from frost.

**Handling:** Avoid contact with skin and eyes. Observe good standards of industrial hygiene.

## **8. Exposure Controls/Personal Protection.**

<u>Ingredient Name</u>	<u>8hr TWA</u>	<u>15min STEL</u>
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Ethanol	WEL	1000ppm
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**Respiratory Protection:** Unlikely to be necessary.

**Eyes:** Chemical eye goggles should be worn.

**Hand:** Gloves should be worn for prolonged contact.

**Skin:** Use protective clothing. Remove contaminated clothing and wash with soap and water.

**Exposure Limits:** Not determined.

## **9. Physical and Chemical Properties.**

Appearance	Clear blue fluid	Specific Gravity @ 20°C	0.980 typical
Odour	Alcohol	Boiling Point	N/D
Freezing Point	N/D	Water Solubility	Soluble
Flash Point	approx 32°C	pH @ 5% in tap water	N/A
pH Neat	N/A	Vapour Pressure	35 @ 20°C

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### **10. Stability and Reactivity.**

Stability: Stable under normal conditions.  
Hazardous Decomposition: None. Burning will produce Carbon Monoxide and Carbon Dioxide.  
Conditions to Avoid: Naked flames, hot surfaces, other high temperature sources. Oxidising agents, Nitric Acid and Sulphuric Acid.

### **11. Toxicological Information.**

Eyes: Likely to cause temporary irritation and stinging.  
Skin: Not classified as a skin irritant. Brief or occasional contact is unlikely to cause any significant reaction. Prolonged contact could cause defatting of the skin.  
Inhalation: Concentrations above the OEL may cause irritation to eyes and nose and throat.  
Ingestion: Principal effect of ingestion is CNS depression. Signs and symptoms include nausea, vomiting, muscular un-coordination, visual impairment and unconsciousness. Aspiration may damage the lungs.

### **12. Ecological Information.**

The components of the product exhibit good to moderate biodegradability. Product is not classed as hazardous to aquatic life. They are not expected to bio-accumulate.

### **13. Disposal Recommendations.**

Product should be disposed of via an authorised waste disposal contractor in accordance with all local and national regulations. Dispose of empty containers in accordance with local and national regulations. Advice can be obtained from the Waste Regulation Authority whether special waste regulations apply to this product.

### **14. Transport Information.**

Not classified under ADR – Less than 24% by weight Ethanol in solution.

### **15. Regulatory Information.**

Label for Supply: Flammable.  
Risk Phrases: R10: Flammable  
Safety Phrases: S2: Keep out of reach of children.  
S7: Keep container tightly closed.  
S16: Keep away from sources of ignition - no smoking.

### **16. Other Information.**

Do not mix with other chemicals.

The information provided in this data sheet has been compiled in accordance with the requirements of the Chemicals (Hazard information and packaging) Regulations 2002.

This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

### **Legal Disclaimer:**

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.