

AT 1000

Revision 01/30/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier **AT 1000**
Recommended use Cleaner
Distributed by: DyChem International
560 North 500 West
Salt Lake City, UT 84116
(800) 453-4606
Emergency Contact # (24 Hour) InfoTrac (800) 535-5053

2. HAZARDOUS IDENTIFICATION

Classification of the substance or mixture This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Oxidizing liquids (Category 3), H272
Acute aquatic toxicity (Category 2), H401

Hazard Statements

H272-May intensify fire; oxidiser
H401-Toxic to aquatic life

GHS label elements, including precautionary statements

Signal Word: Warning

Hazards not otherwise classified (HNOC)

None

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Substance(s) Description</u>	<u>CAS#</u>	<u>Percentage</u>
Sodium Nitrite	7631-99-4	5 – 10
Proprietary Treatment Blend	N/A	

4. FIRST AID MEASURES**Inhalation First Aid**

Inhalation is unlikely; however, if it does occur, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen. Seek medical attention.

Skin Contact First Aid

Wash exposed areas with soap and water.

Eye Contact First Aid

Flush with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of entire eye

AT 1000

Revision 01/30/2015

Ingestion First Aid	surface. Seek medical attention in irritation persists. Give large quantities of water or milk. Do not give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	The most important known symptoms and effects are described in the labeling.
Indication of any immediate medical attention and special treatment needed	No data available.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special Hazards from mixture	This product is not defined as flammable or combustible; however, under fire conditions it may support combustion and produce toxic oxides of carbon and various hydrocarbons.
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary/available.
Further information	No data available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid breathing vapors, mist or gas.
Protective equipment and emergency procedures	For personal protection see Section 8.
Environmental precautions	Avoid large concentrations of product in a confined area.
Materials for containment and clean up	Mop and/or absorbent materials
Methods for cleanup containment	Completely contain spilled material. Neutralize remaining traces of material with any dilute inorganic acid such as hydrochloric or sulfuric. The spill are should then be flushed with water followed by liberal covering of sodium bicarbonate. All clean-up material should be removed and placed in approved containers for disposal. If spilled on soil, sand, etc., remove affected soils and place in containers for disposal. Persons performing clean-up work should wear adequate personal protective equipment and clothing. Caution: caustics may react violently with acids and water. Large spills should be removed using a vacuum truck.

AT 1000

Revision 01/30/2015

Reference to other sections

See Section 13 for disposal procedures

7. HANDLING AND STORAGE

Precautions for safe handling

Wear protective goggles or face shield and rubber gloves handling this product to avoid eye and skin contact. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage containers should be stored in a cool, dry and well-ventilated area away from strong oxidizing agents.

Specific end use(s)

Apart from the uses stated in Section 1, no other specific uses are stipulated.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal Protective Equipment (PPE)

Respiratory Protection

A respirator should be worn if exposed to excessive mists for prolonged periods.

Skin Protection

Gloves should be worn when excessive skin contact cannot be avoided.

Eye Protection

Chemical goggles or face shield is recommended to prevent contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Liquid **Color:** Red

Odor

Mild

Odor Threshold

No data available

pH

9-10

Melting/Freezing point

No data available

Initial boiling point

No data available

Flash point

> 212°F (100°C)

Evaporation rate

No data available

Flammability (solid, gas)

No data available

Explosive limits

No data available

Vapor pressure

No data available

Vapor density

No data available

Relative density

1 g/cm³

Water solubility

Complete

Partition coefficient n-octanol/water

No data available

Auto-ignition temperature

> 302°F (150°C)

Decomposition temperature

No data available

Viscosity

No data available

Explosive properties

No data available

AT 1000

Revision 01/30/2015

Oxidizing properties No data available**10. STABILITY AND REACTIVITY**

Reactivity	No data available
Chemical stability	Stable
Possibility of hazardous reactions	Hazardous polymerization will not occur
Conditions to avoid	Exposure to high temperatures
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Toxic oxides of carbon and hydrocarbons In the event of fire: see Section 5

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

OSHA PEL/TWA	Not determined
ACGIH TLV/TWA	

Eye Contact	Burns/reversible damage with prompt first aid.
Inhalation	Possible burns to respiratory tract.
Skin Contact	Contact can cause burns.
Ingestion	Ingestion may cause gastrointestinal burns.
Chronic	No evidence of chronic effects from available data.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	no data available
12.2 Persistence and degradability	no data available
12.3 Bioaccumulative potential	no data available
12.4 Mobility in soil	no data available
12.5 Results of PBT and vPvB assessment	not available as chemical safety assessment not required/not conducted
12.6 Other adverse effects	no data available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Product	Offer surplus and non-recyclable solution to a licensed disposal company.
----------------	---

Contaminated packaging	Containers of this material may be hazardous when emptied since emptied containers retain product residues. Dispose of as unused product.
-------------------------------	---

14. TRANSPORT INFORMATION

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods

AT 1000

Revision 01/30/2015

IATA

Not dangerous goods

15. REGULATORY INFORMATION

OSHA Category

Not regulated

SARA 313 Supplier Notification

Not reportable

All Ingredients are Listed on the TSCA Inventory

16. OTHER INFORMATION

Special Precautions or Other Comments: All hazard precautions given in the data sheet must be observed. The information accumulated herein is believed to be accurate but is not warranted to be regardless of whom it originates with. Recipients are advised to confirm prior to need that the information is current, applicable, and suitable to their circumstances.