600B

September 2025

Section 1 – Identification

Product Identifier
600B ChemSharp Chemical Tungsten Sharpener

Other Means of Identification
600B

Recommended Use of the Chemical and Restrictions on Use
See label.

Responsible Party
Dynaflux, Inc.
241 Brown Farm Rd., Cartersville, GA 30120
1.800.334.4420

Emergency Phone Number
Call Chem-Tel at 1.800.255.3924 for chemical emergencies.

Section 2 – Hazard Classification

Classification of the Chemical
Oxidizing Solid, category 3
Acute Toxicity, category 3 – oral
Aquatic Acute Toxicity, category 1

Hazard Statement(s)
May intensify fire, oxidiser. Toxic if swallowed. Very toxic to aquatic life.

Precautionary Statement(s)
Read label before use. If medical advice is needed, have product container or label at hand. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from clothing and other combustible material. Take any precaution to avoid mixing with combustibles. Wear protective gloves. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Store locked up. Dispose of container in accordance with local regulations. See Safety Data Sheet for more information. Keep out of reach of children.

Signal Word
Danger

Pictograms



Hazards Not Otherwise Classified
None Known

Note
Labeling elements found on this SDS may be different from labeling elements found on the label. Labels may be regulated by a different government agency. Please contact the responsible party in Section 1 if you have any questions.

0% of this mixture consists of ingredient(s) of unknown acute toxicity.

This product does not contain substances identified as PBT or vPvB. This product does not have a workplace exposure level.

Section 3 – Information on Ingredients

Hazardous Ingredients

Ingredient	EC No	CAS	%wt	Hazards
Sodium Nitrite	231-555-9	7632-00-0	80-100	Ox. Sol. 3; Acute Tox. 3; Aquatic Acute 1

Trade Secret Claim
When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions.

Note
This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance hazard communication standards. Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

Section 4 – First Aid Measures

General First Aid Measures
If medical attention is required then provide product label or safety data sheet to a medical professional.

If Inhaled
Move person to fresh air and keep comfortable for breathing. Administer artificial respiration if person is not breathing.

If on Skin
Wash with soap and water. Take off contaminated clothing and launder with detergent before reuse.

Most Important Symptoms
None determined.

Seek Immediate Medical Attention:
Not anticipated to require immediate medical attention

If Swallowed
Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water.

If in Eyes
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Rinse for at least 10 minutes to ensure proper flushing of material from eye.

Section 5 – Fire-Fighting Measures

Suitable Extinguishing Media
Water, carbon dioxide, sand, powder extinguisher, dry chemical.

Specific Hazards Arising from the Chemical
None known.

Hazardous Combustion Products
None known.

Unsuitable Extinguishing Media
None known.

Special Protective Equipment & Precautions for Fire-Fighters
Not determined.

Section 6 – Accidental Release Measure

Personal Precautions
Ensure that the environment is physically safe to be in. Wear personal protective equipment before remedying an accidental release of mixture.

Protective Equipment
Wear gloves suitable for chemical resistance. Wear protective eyeglasses/goggles. In the event of inadequate air ventilation use artificial breathing apparatuses

Emergency Procedures
Evacuate all non-essential personnel from the area. Shut off all sources of ignition. Ensure that all drains are covered to prevent environmental exposure. Do not touch or walk through spilled material.

Methods for Containment
Cover drains and ventilate area to prevent vapor build-up. Use sand or other absorbent material to create a barrier to prevent chemical flow.

Methods for Clean Up
Small spill: Soak up with absorbent material, i.e. kitty litter, clay or dirt. Sweep up and place in a labeled closed container.
Large spill: Keep unauthorized people from the area. Use self-contained breathing apparatus. Hike area and pump contents to a labeled, closed container. Absorb residue and sweep up. Place in a closed, labeled container. Remove all ignition sources.

References
See Section 7 on safe handling. Section 8 for information on personal protection equipment. See Section 13 for disposal information.

Section 7 – Handling and Storage

Precautions for Safe Handling
Keep away from all ignition sources. Do not smoke while handling.

Conditions for Safe Storage
Store in all original containers/packaging as product label contains important information regarding proper use of chemical. Store appropriate to NFPA ratings found in Section 15 of this SDS.

Storage Incompatibilities
None known.

Specific End Use
Not determined.

Section 8 – Exposure Controls

Permissible Exposure Limits

Ingredient	EC No.	CAS	TWA	STEL	NATION
Sodium Nitrite	231-555-9	7632-00-0	10 mg/m³	n/a	GB

General Note
Practice good industrial hygiene by washing hands thoroughly before and after use. Keep working areas clean. Ensure proper use of personal protective equipment as recommended in this section.

Appropriate Engineering Controls
Ensure adequate mechanical ventilation capable of preventing vapor build up.

Eye & Face Protection
Eye glasses or goggles are recommended when using this product. Eye protection should fit user as to minimize risk of exposure as much as possible. Eye protection should protect against splash back and aerosolized mists which may affect eyes.

Skin Protection
Wear long sleeves and pants to minimize exposure to skin. Wear protective gloves when using this product. Gloves should be chemically resistant to the material. Launder contaminated clothing before reuse. Wear an apron if usage of chemical is anticipated to expose user to a large quantity of material.

Respiratory Protection
Mechanical ventilation is often sufficient for ensuring respiratory systems are better protected against exposure to material; however, should it be determined that material exposure limits are being concentrated as vapors then local ventilation should be utilized. If vapors exceed TLV use an approved respirator.

Environmental Protection
No anticipated protective equipment is required.

Section 9 – Chemical Properties

STATE	Solid Crystals
COLOUR	White/Yellow
ODOUR	Not determined
MELTING POINT	Not determined
BOILING POINT	Not determined
FLAMMABILITY	Not flammable
EXPLOSIVE LIMIT	
Upper	Not determined
Lower	Not determined
FLASH POINT	Not determined
OXIDIZING PROPERTIES	Not determined

pH	~9.0 (aqueous solution)
KINEMATIC VISCOSITY	Not determined
SOLUBILITY	Not determined
VAPOR PRESSURE	Not determined
RELATIVE DENSITY	2.17
VAPOR DENSITY	Not determined
AUTO-IGNITION TEMP	Not determined
DECOMPOSITION TEMP	Not determined
PARTITION COEFFICIENT	Not determined
PARTICLE CHARACTERISTICS	Not determined

Section 10 – Stability and Reactivity

Reactivity
Material is not anticipated to be reactive

Chemical Stability
Material is anticipated to be stable in normal storage conditions.

Possibility of Hazardous Reactions
None known.

Conditions to Avoid
Heat, sources of ignition, direct sunlight, etc.

Incompatible Materials
None known.

Hazardous Decomposition Products
Not determined.

Section 11 – Toxicological Information

ACUTE TOXICITY ESTIMATES
Oral – 175 mg/kg bw (category 3)
Dermal – No toxic ingredients.
Inhalation – No toxic ingredients.

SKIN EXPOSURE
Not expected to cause skin irritation.
Not expected to cause an allergic skin reaction.
Not considered toxic to dermal exposure.

EYE EXPOSURE
Not expected to cause eye irritation.

CARCINOGENCITY
Not suspected of causing cancer.

INTERACTIVE EFFECTS
None known.

INHALATION EXPOSURE
Not expected to cause respiratory irritation.
Not expected to cause a respiratory allergic reaction.
Not considered toxic to inhalation exposure.

INGESTION EXPOSURE
Not considered an aspiration hazard.

REPRODUCTIVE TOXICITY
Not expected to cause germ cell mutations.
Not considered toxic to reproduction.

OTHER TOXICITY
Not expected to cause drowsiness or dizziness.

Section 12 – Ecological Information

Ecotoxicity Estimated Values

Algae	No toxic ingredients.
Fish	<1 mg/L (category 1)
Crustacea	<1 mg/L (category 1)

Results of PBT and vPvB Assessment
Not identified as a PBT or vPvB substance.

Persistence and Degradability
Not biodegradable.

Mobility in Soil
Not determined.

Other Adverse Effects
Keep out of sewers and waterways.

Bioaccumulative Potential
Not determined.

Section 13 – Disposal Consideration

Disposal of Empty Containers
Empty container can be recycled.

Sewage Disposal
Do not dispose of mixture via sewage.

Disposal of Material
Dispose of full or partially full containers by offering material to a licensed waste management company and follow all local regulations on proper disposal of material.

Special Precautions for Waste Treatment
Not determined.

Section 14 – Transportation Information

Hazard Placards



UN Number	1500
UN Shipping Name	Sodium Nitrite
UN Technical Name	-
Hazard Class	5.1 Oxidizer; 6.1 Poison
Packaging group	III
Limited Quantity	<5 kg
Marine Pollutant	No
Transport in Bulk	Not determined
Special Precautions	Keep in original container. Do not store excessive weight on top.

Section 15 – Regulatory Information

EC No 1005/2009	Not determined.
EC No 850-2004	Not determined.
Directive 79/117/EEC	Not determined.

Chemical Safety Assessment
Not assessed.

REACH Registration
Contact Responsible Party in Section 1.

Section 16 – Other Information

Revision History
September 2025 SDS Creation

General Disclaimer
All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process

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