



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Hi-Yield Stump Remover

SECTION 1: Identification

Product identifier

Product name Hi-Yield Stump Remover
Product number 32015
Brand Hi-Yield

Supplier's details

Name Voluntary Purchasing Groups, Inc.
Address 230 FM 87
Bonham TX 75418
USA

Telephone 855-270-4776

Emergency phone number(s)

In the event of a medical or chemical emergency contact ChemTel, Inc.
North American 1-800-255-3924 or worldwide Intl. + 01-813-248-0585

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 1

GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H302 Harmful if swallowed
H318 Causes serious eye damage

Safety Data Sheet

Hi-Yield Stump Remover

Precautionary statement(s)

P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER /doctor if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor
P330	Rinse mouth.
P501	Dispose of contents/container to in accordance with Federal, State and local regulations.

Other hazards which do not result in classification

Contact with acids liberates toxic gas

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Sodium Metabisulfite (CAS no.: 7681-57-4; EC no.: 231-673-0; Index no.: 016-063-00-2)	96.5 - - 100 % (weight)
CLASSIFICATIONS: Acute toxicity, oral, Cat. 4; Eye damage/irritation, Cat. 1. HAZARDS: H302 - Harmful if swallowed; H318 - Causes serious eye damage.	

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
In case of skin contact	Wash off immediately with plenty of water. Remove all contaminated clothes and shoes. If skin irritation persists, call a doctor/physician.
In case of eye contact	Immediately rinse with plenty of water. Remove contact lenses, if present and easy to do so. Keep eye wide open while rinsing. Continue rinsing for 15 minutes. Call a doctor/physician immediately
If swallowed	If swallowed, give several glasses of water to drink. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use any means suitable for extinguishing surrounding fire.

Specific hazards arising from the chemical

Thermal decomposition can lead to the release of irritation or toxic gases and vapors; including and not limited to:

Safety Data Sheet

Hi-Yield Stump Remover

Sodium Oxides
Sulfur Oxides

Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists.

Environmental precautions

Prevent entry into waterways or sewers.

Methods and materials for containment and cleaning up

Sweep or vacuum up and place in an appropriate closed container. Keep unauthorized personnel away. Avoid generating dust.

SECTION 7: Handling and storage

Precautions for safe handling

Do not breathe dust. Avoid contact with eyes, skin and clothing. Do not ingest. Wear eye/face protection. Do not use in areas without adequate ventilation. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Clean equipment and work area regularly.

Conditions for safe storage, including any incompatibilities

Store in a cool/low-temperature, well-ventilated, dry place. Keep containers closed and labeled when not in use.

SECTION 8: Exposure controls/personal protection

Control parameters

1. Sodium metabisulfite (CAS: 7681-57-4 EC: 231-673-0)

STEL (Inhalation): 5 mg/m³ (STEL) (ACGIH)

REL-TWA (Inhalation): 5 mg/m³ (NIOSH)

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Consider the potential hazards of this material, applicable exposure limits, job activities and other substances in the work place when designing controls and selecting personal protective equipment.

Individual protection measures, such as personal protective equipment (PPE)

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)

White powder

Odor

Pungent

Odor threshold

Safety Data Sheet

Hi-Yield Stump Remover

pH	4.38
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	in water: 667 g/L @ 25C
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

Reactivity

None known under normal conditions.

Chemical stability

Stable under ordinary conditions of use and storage.

Conditions to avoid

Avoid dust formation.

Incompatible materials

Strong acids.

Hazardous decomposition products

Hazardous combustion can lead to the release of irritating gases and vapors.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Sodium metabisulfite
LD50 Oral - Rat - 1,540 mg/kg

Sodium metabisulfite
LD50 Skin - Rat - > 2,000 mg/kg

Skin corrosion/irritation

May cause skin irritation

Serious eye damage/irritation

Causes serious eye damage

Safety Data Sheet

Hi-Yield Stump Remover

Respiratory or skin sensitization
May cause irritation of respiratory tract

SECTION 12: Ecological information

Other adverse effects
Should not be released to environment

SECTION 13: Disposal considerations

Disposal of the product
Processing, use or contamination of this product may occur during product use. Accordingly, it is the responsibility of the user to determine the proper disposal methodologies. Consult the appropriate state, regional or local regulations to ensure complete and accurate classification. Dispose of contaminated packaging in accordance with local regulations

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components

Sodium metabisulfite
CAS number: 7681-57-4

Pennsylvania Right To Know Components

Sodium metabisulfite
CAS number: 7681-57-4

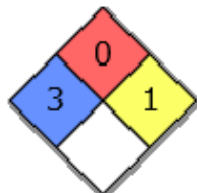
SARA 311/312 Hazards

Acute Health Hazard

Massachusetts Right To Know Components

Sodium metabisulfite
CAS number: 7681-57-4

NFPA Rating



SECTION 16: Other information