

# MATERIAL SAFETY DATA SHEET

MSDS #273101

## Absorbine STALL SAFE® BRAND

**W. F. YOUNG, INC.**

302 Benton Drive  
East Longmeadow, MA 01028

**Non-Emergency Telephone:**

MA (413) 526-9999

### SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

**PRODUCT NAME:** Absorbine Stall Safe® Brand

**PRODUCT DESCRIPTION:** Disinfectant & Sanitizer

**EPA REG. No.** 10324-117-1543

**MEDICAL EMERGENCY TELEPHONE (Poison Center): (303) 623-5716**

**TRANSPORTATION EMERGENCY TELEPHONE (Chemtrec): 1-800-424-9300**

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS (Typical Values)

| INGREDIENT  | CAS #      | WT. % |
|---|------------|-------|
| Alkyl dimethyl benzyl ammonium chloride (C <sub>12-16</sub> ) | 68424-85-1 | 4.0   |
| Octyl decyl dimethyl ammonium chloride                        | 51-03-6    | 3.0   |
| Dioctyl dimethyl ammonium chloride                            | 5538-94-3  | 1.5   |
| Didecyl dimethyl ammonium chloride                            | 7173-51-5  | 1.5   |

**SECTION 3: HAZARDS IDENTIFICATION****Emergency Overview**

Clear, colorless to straw colored liquid. Corrosive to the eyes, skin, gastrointestinal tract, and respiratory system.

**Potential Health Effects:****EYE CONTACT:**

Causes burns and may result in permanent injury to eyes including blindness.

**SKIN CONTACT:**

Causes corrosive burns. Brief exposures may cause irritation and defatting of the skin.

**INHALATION:**

Mists and vapors can irritate the throat and respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, and drowsiness.

**INGESTION:**

Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**CHRONIC:**

Ingestion of ethanol by pregnant women can cause reproductive toxicity to the fetus.

**SECTION 4: EMERGENCY AND FIRST AID PROCEDURES****EYE CONTACT:**

Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention at once.

**SKIN OR CLOTHING CONTACT:**

Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation occurs, get medical attention.

**INHALATION:**

If symptoms are experienced, move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**INGESTION:**

Contact a physician or Poison Control Center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

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| <b>SECTION 5: FIRE FIGHTING MEASURES</b> |
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|                                  |                  |     |     |
|----------------------------------|------------------|-----|-----|
| <b>Flash Point (Method Used)</b> | Flammable Limits | LEL | UEL |
| None – Cleveland Open Cup        |                  | N/E | N/E |

**Extinguishing Media**

Use Foam, CO<sub>2</sub>, dry chemical, Water Fog or water (if appropriate for surrounding fire)

**Special Fire Fighting Procedures**

Wear self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes. Cool fire exposed containers with spray.

**Unusual Fire and Explosion Hazards**

Irritating and toxic gases or fumes may be released during a fire.

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| <b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b> |
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**Spill and Leak Procedures****Emergency Action:**

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate.

**Spill Cleanup:**

Ventilate closed spaces before entering. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewer, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

**Large Spills:**

Dike far ahead of liquid spill for later disposal. Water spray may reduce vapor but will increase foaming.

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| <b>SECTION 7: HANDLING &amp; STORAGE</b> |
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**Handling Procedures:**

Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

**Storage Procedures:**

Keep container tightly closed and in a cool, well-ventilated place. Keep from freezing.

**Other Precautions**

Do not store or consume food, drink, or tobacco in area where they may become contaminated with this material.

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| <b>SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION</b> |
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**Respirator Protection**

N/A

**Ventilation**

Use adequate ventilation if in high concentrations.

**Skin and Eye Protection:**

Avoid contact with eyes. Wear chemical goggles if there is likelihood of contact with eyes. Avoid prolonged or repeated contact with skin.

**Other Protective Clothing or Equipment:**

Eye wash; safety showers; wash after handling.

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| <b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b> |
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| FLASH POINT:                           | None – Cleveland Open Cup                |
| BOILING POINT:                         | Not Established                          |
| MELTING POINT:                         | N/A                                      |
| VAPOR PRESSURE:                        | Not Established                          |
| VAPOR DENSITY (AIR=1):                 | Estimated to be heavier than air         |
| EVAPORATION RATE: (butyl acetate = 1)  | Not Established                          |
| VOLATILE FRACTION BY WEIGHT:           | 15%                                      |
| SOLUBILITY IN WATER (By weight %):     | 100%                                     |
| SPECIFIC GRAVITY (H <sub>2</sub> O=1): | 0.9895 (8.25 lb/gal)                     |
| pH:                                    | 6.0 – 8.0                                |
| APPEARANCE:                            | Clear, colorless to straw-colored liquid |
| ODOR:                                  | Benzaldehyde (organic) odor              |

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| <b>SECTION 10: STABILITY AND REACTIVITY</b> |
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**Stability:**

Stable

**Incompatibility (Materials to avoid):**

Strong oxidizing agents. Reducing agents

**Hazardous Decomposition or By-Products:**

Carbon dioxide, carbon monoxide and toxic hydrogen chloride vapors

**Hazardous Polymerization:**

Will not occur

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| <b>SECTION 11: TOXICOLOGICAL INFORMATION</b> |
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**Carcinogenicity:** No data available  
**Acute Oral LD<sub>50</sub>:** 1850 mg/kg for male and female rats combined  
**Acute Dermal:** > 2000mg/kg in albino rabbits  
**Primary Skin:** Corrosive  
**Primary Eye:** Corrosive  
**Chemical Ingredients Listed as Potential or Known Carcinogens**  

|            |      |     |      |
|------------|------|-----|------|
| INGREDIENT | OSHA | NTP | IARC |
|------------|------|-----|------|

No ingredients listed in this section.

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| <b>SECTION 12: ECOLOGICAL INFORMATION</b> |
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**Ecotoxicity:**  
 No data available for this product, may be toxic to aquatic organisms.

**Environmental Fate:**  
 This product is biodegradable.

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| <b>SECTION 13: DISPOSAL CONSIDERATIONS</b> |
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**Disposal Instructions:**  
 This substance, when discarded or disposed of, is a characteristic hazardous waste according to Federal Regulation (40 CFR 261) and is assigned the EPA Hazardous Waste Number of **D001**. The discarding or disposal of this material must be done at a properly permitted facility in accordance with the regulations of 40 CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.  
 The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with all applicable Federal, state, and local regulations.

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| <b>SECTION 14: TRANSPORTATION INFORMATION</b> |
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North America

**DOT Hazard Class:** ORM-D  
**DOT Proper Shipping Name:** Consumer Commodity

Overseas by ocean

**DOT Hazard Class:** 8, Corrosive

**DOT Proper Shipping Name:** UN1903, Disinfectant Liquid Corrosive in Limited Quantities (Quaternary Ammonium Compound), Class 8, PG II

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| <b>SECTION 15: REGULATORY INFORMATION</b> |
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TSCA Status

While all ingredients are listed on the TSCA Chemical Inventory, this product is regulated as a pesticide under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

Other Chemical Inventories

All components of this product are listed on the following inventories: Canada (DSL), European Union, China, Korean and Philippines. One or more ingredients are not listed on the following inventories: Australia and Japan.

CERCLA/SARA

**SARA Title III, Sections 311/312:**

This act requires reporting under the Community Right-To-Know provisions due to the inclusion of the following components of this material in one or more of the five hazard categories listed in the 40 CFR 370: **Classification of this product:** Immediate, Fire

**SARA Title 313:**

This act requires submission of annual reports of releases of the following components of this material if the threshold reporting quantities, as listed in 40 CFR 372, are met or exceeded:

No ingredients listed in this section.

**Reportable quantities/Threshold Planning Quantities:**

CEERCLA requires notification of the National Response Center (Telephone 1-800-424-8802) in the event of a release of quantities of the following hazardous materials contained in this product, if the release is equal or greater

than the Reportable Quantities (RQs). SARA 302/304 requires emergency planning, including agency notification, for possible release of the following components of this material, based upon the Threshold Planning Quantities (TPQs) and/or release of Reportable Quantities.

No ingredients listed in this section.

State & Povinicial Right To Know & Selected Regulatory Lists

The following ingredients appear on various state right to know lists and/or California 's Proposition 65 List

| <b>CHEMICAL NAME</b> | <b>STATE LIST</b>   |
|----------------------|---|
| Ethanol              | AZ , CA, CAPR65R (ingestion only), CT, ID, MA, MN, NJ, PA, RI |
| Benzyl chloride      | AZ, CA, CAPR65R, IL, MA, MN, NJ, PA                           |

(trace impurity <10ppm)

AZ – ARIZONA AMBIENT AIR QUALITY GUIDELINES    CT – CONNECTICUT HAZARDOUS AIR POLLUTANTS  
 CA – CALIFORNIA DIRECTOR'S LIST OF HAZARDOUS SUBSTANCES    CA65C – CALIFORNIA PROP 65CARCINOGEN  
 CA65R – CALIFORNIA PROP 65 REPRODUCTIVE TOXIN    FL – FLORIDA SUBSTANCES LIST  
 ID – IDAHO NON-CARCINOGEN TOIC AIR POLLUTANTS    IL – ILLINOIS TOXIC AIR CONTAMINANT – CARCINOGENIC  
 MA – MASSACHUSETTS RIGHT TO KNOW LIST    MN – MINNESOTA HAZARDOUS SUBSTANCES LIST  
 NJ – NEW JERSEY RIGHT TO KNOW LIST    PA – PENNSYLVANIA RIGHT TO KNOW LIST  
 RI – RHODE ISLAND HAZARDOUS SUBSTANCES LIST

**SECTION 16: OTHER INFORMATION****HAZARD RATINGS:                      HMIS III                      NFPA**

|                            |          |  |
|----------------------------|----------|--|
| <b>HEALTH</b>              | <b>3</b> |  |
| <b>FLAMMABILITY</b>        | <b>2</b> |  |
| <b>PHYSICAL</b>            | <b>0</b> |  |
| <b>PERSONAL PROTECTION</b> | <b>X</b> |  |

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