

SECTION 1: Product and company identification

Product name : Bellacide™ 355
 Use of the substance/mixture : Algicide
 Product code : 063681
 Company : Share Corporation
 P.O. Box 245013
 Milwaukee, WI 53224 - USA
 T (414) 355-4000
 Emergency number : Chemtrec: (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

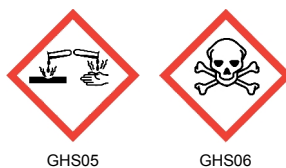
Acute Tox. 2 (Inhalation:dust,mist) H330
 Skin Corr. 1B H314

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : **Danger**

Hazard statements (GHS-US) : Causes severe skin burns and eye damage
 Fatal if inhaled

Precautionary statements (GHS-US) : Do not breathe dust, fume, gas, mist, spray, vapors
 Wash thoroughly after handling
 Use only outdoors or in a well-ventilated area
 Wear protective gloves, protective clothing, eye protection, face protection
 In case of inadequate ventilation wear respiratory protection
 If swallowed: rinse mouth. Do NOT induce vomiting
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
 If inhaled: Remove person to fresh air and keep comfortable for breathing
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Immediately call a doctor, a POISON CENTER
 Specific treatment is urgent (see First aid measures on this label)
 Specific treatment (see First aid measures on this label)
 Wash contaminated clothing before reuse
 Store in a well-ventilated place. Keep container tightly closed
 Store locked up
 Dispose of contents/container to comply with local/regional/national/international regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Tributyltetradecyl Phosphonium Chloride	(CAS No) 81741-28-8	5 - 10	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1B, H314 Aquatic Acute 1, H400 Aquatic Chronic 1, H410



SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove the victim into fresh air. Artificial respiration and/or oxygen if necessary. Assure fresh air breathing. Keep victim warm and rested. Call a poison center or a doctor if you feel unwell.
- First-aid measures after skin contact : Wash immediately with lots of water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs have person lean forward. Rinse mouth. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : Causes severe skin burns and eye damage. Fatal if inhaled.
- Symptoms/injuries after inhalation : Fatal if inhaled. Severe irritation in nose and throat. Congestion of the lungs may occur producing severe shortness of breath.
- Symptoms/injuries after skin contact : Burns.
- Symptoms/injuries after eye contact : Serious damage to eyes. Blurred vision.
- Symptoms/injuries after ingestion : Burns to the gastric/intestinal mucosa. Gastrointestinal complaints. Vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide. Foam. Dry chemical powder. Dry sand. Water spray. Water fog.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not flammable.
- Reactivity : Thermal decomposition may produce : Carbon dioxide. Carbon monoxide. Phosphorous oxide. Chlorine.

5.3. Advice for firefighters

- Firefighting instructions : Move containers away from the fire area if this can be done without risk. Use water spray or fog for cooling exposed containers. Use water moderately and if possible collect or contain it.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Evacuate unnecessary personnel.

6.1.1. For non-emergency personnel

- Protective equipment : Do not enter without an appropriate protective equipment.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Prevent the product from entering drains or confined areas. Tip the container on one side to stop the leakage. Dam up the liquid spill.
- Methods for cleaning up : Take up liquid spill into inert absorbent material. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe gas/vapor/aerosol.
- Hygiene measures : Use good personal hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep cool. Store in a dry place. Store in a well-ventilated place. Keep container tightly closed. Protect from freezing. Protect from sunlight. Keep away from food and drink.
Incompatible products	: alkalis. reducing agents.
Storage area	: Corrosive.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls	: Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. . Provide sufficient air exchange and/or exhaust.
Personal protective equipment	: Gloves. Protective goggles. Protective clothing. Use appropriate personal protective equipment when risk assessment indicates this is necessary.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Colorless liquid.
Odor	: slight
Odor threshold	: No data available
pH	: 6 - 8
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 212 °F
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 0.96 - 1 g/ml @ 20°C
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: > 300 °C
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Thermal decomposition may produce : Carbon dioxide. Carbon monoxide. Phosphorous oxide. Chlorine.

10.2. Chemical stability

The product is stable at normal handling- and storage conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

10.4. Conditions to avoid

Overheating.

10.5. Incompatible materials

Strong bases. reducing agents.

10.6. Hazardous decomposition products

Thermal decomposition may produce : Carbon dioxide. Carbon monoxide. Phosphorous oxide. Chlorine.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Inhalation:dust,mist: Fatal if inhaled.
Skin corrosion/irritation	: Causes severe skin burns and eye damage. pH: 6 - 8
Serious eye damage/irritation	: Not classified pH: 6 - 8
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: Fatal if inhaled. Severe irritation in nose and throat. Congestion of the lungs may occur producing severe shortness of breath.
Symptoms/injuries after skin contact	: Burns.
Symptoms/injuries after eye contact	: Serious damage to eyes. Blurred vision.
Symptoms/injuries after ingestion	: Burns to the gastric/intestinal mucosa. Gastrointestinal complaints. Vomiting.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container to comply with local/regional/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

Transport document description	: UN2922 Corrosive liquids, toxic, n.o.s., 8, II
UN-No.(DOT)	: UN2922
Proper Shipping Name (DOT)	: Corrosive liquids, toxic, n.o.s.
Transport hazard class(es) (DOT)	: 8 - Class 8 - Corrosive material 49 CFR 173.136
Hazard labels (DOT)	: 8 - Corrosive 6.1 - Poison inhalation hazard



Packing group (DOT) : II - Medium Danger

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Safety Data Sheet



Marine pollutant : Yes (IMDG only)



DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
DOT Packaging Bulk (49 CFR 173.xxx) : 243
DOT Symbols : G - Identifies PSN requiring a technical name
DOT Special Provisions (49 CFR 172.102) : B3,IB2,T7,TP2
DOT Packaging Exceptions (49 CFR 173.xxx) : 154
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 1 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 30 L
DOT Vessel Stowage Location : B
DOT Vessel Stowage Other : 40 - Stow "clear of living quarters"

Additional information

Other information : No supplementary information available.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

California Proposition 65 - This product does not contain a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

SECTION 16: Other information

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of H-phrases:

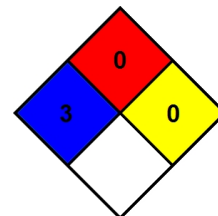
Acute Tox. 2 (Inhalation)	Acute toxicity (inhalation) Category 2
Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Skin Corr. 1B	Skin corrosion/irritation Category 1B
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H330	Fatal if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Bellacide™ 355

Safety Data Sheet



NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
NFPA fire hazard : 0 - Materials that will not burn.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



Prepared by: Technical Department

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.