
IDENTIFICATION OF SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**1. Product Identification**

Product Name Clean Break Disinfectant

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Water based disinfectant

Uses advised against No information available

Details of the supplier of the safety data sheet

MANUFACTURER Clean Break Technologies

Emergency telephone number

Company phone 503-332-5037

In case of emergency contact 1-800-535-5053

2. Hazards Identification

Physical State: Liquid

Classification

Skin corrosion/irritation

Serious eye damage/irritation

Signal Word

Acute Toxicity, oral



Danger

Hazard Statements Harmful if swallowed, causes severe skin burns and eye damage. Toxic to Aquatic life with long lasting effects.

Do not breath mist or vapor, wash thoroughly after handling, do not smoke, eat drink when handling this product. Avoid release into the environment Wear protective clothing, gloves and

eye protection.
Harmful if swallowed
Harmful if inhaled

Precautionary Statements Response

Collect spillage

If in eyes rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing if eye irritation persists Get medical advice attention

If on skin or in hair Wash with plenty of soap and water If skin irritation occurs Get medical advice or attention

Other Hazards. Dispose of containers in accordance with local laws.

None known

Unknown Acute Toxicity

3. **Composition/Information on Ingredients**

Chemical Name	CAS#	%
Alcohol ethoxylate Alkyl (68% C12,32% C14)	Proprietary	9
Dimethyl ethylbenzene ammonium chloride	85409-23-0	4.5
Alkyl dimethyl benzyl ammonium Chloride (C12-18)	68391-01-5	4.5
Other components below reportable levels		

4. **FIRST AID MEASURES**

EYES: Flush immediately with water for fifteen minutes, seek medical attention

INGESTED: Do not induce vomiting, seek medical attention

SKIN: Wash with soap and water, wash contaminated clothing before reuse

INHALED: Remove to fresh air.

For any of the above call physician or poison control center

Most important symptoms and effects, Acute and Delayed

Symptoms Contact will cause irritation and redness at exposed areas

Indication of any immediate medical attention and special treatment needed. Dizziness, drowsiness, headache, Nausea, existing disorders may be aggravated.

Notes to physician treat symptomatically

5. **Fire Fighting Measures**

Water, dry chemical, carbon dioxide, alcohol foam, wear SCBA

6. **Accidental Release Measures**

Personal precautions protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required

Methods for containment Prevent further leakage or spillage

Methods for clean up. Keep in suitable containers for disposal

7. **Handling and Storage**

Precautions for safe handling Use personal protection recommended in Section 8. Wash thoroughly after handling. Do not breathe mists or spray

Conditions for safe storage including any incompatibilities

Storage conditions Keep containers tightly closed in cool dry area

Use face shields or goggles

Incompatible materials Acids

8. **Exposure Controls/Personal Protection**

Exposure guidelines

No exposure limits noted

Appropriate Engineering Controls Apply technical measures to comply with exposure limits

Individual protection measures. Good general ventilation

Eye Protection Tight sealing safety goggles

Skin and Body Protection Wear suitable protective clothing

Respiratory protection Ensure adequate ventilation

General Hygiene Handle in accordance with good industrial practices

9. **Physical and Chemical Data**

Physical State: Clear liquid

Odor Alcohol

Odor Threshold N/D

BOILING POINT:100C

DENSITY: 1.0 +/-

SOLUBILITY IN WATER: miscible

FREEZING POINT 0C

EVAPORATION RATE N/D

FLAMMIBILITY None

pH 12 +/-

VAPOR PRESSURE N/D

VAPOR DENSITY N/D

WATER SOLUBILITY 100%
SOLUBILITY IN SOLVENTS N/D
AUTO IGNITION TEMPERATURE N/D
DYNAMIC VISCOSITY <150 cps
EXPLOSIVE PROPERTIES N/D
OXIDIZING PROPERTIES N/D

10. **Stability and Reactivity**

Reactivity Non-reactive
Chemical Stability Stable
Possibility of Hazardous Reactions Form peroxides
Conditions to avoid Freezing, keep out of reach of children
Incompatible materials Acids Oxidizing agents
Hazardous Decomposition Products CO and CO₂

11. **Toxicological Information**

Likely routes of exposure
Eyes Causes eye irritation
Skin Causes skin irritation
Inhalation Avoid breathing vapors
Ingestion Do not swallow, may be fatal if enters airways
Information on Physical, Chemical and Toxicological Effects
Symptoms See Section 4
Delayed and Immediate Effects as well as Chronic Effects, Short and Long Term Exposure
Carcinogenicity This product does not contain Carcinogens
Numerical Measures of Toxicity N/D

12. **Ecological Information**

Ecotoxicity Very toxic to aquatic life, accumulation expected
Persistence/Degradability N/D
Bioaccumulation N/D
Mobility Potential in soil N/D
Other Adverse Effects N/D

13. **Disposal Considerations**

Waste Treatment Methods
Disposal of Wastes Follow information on labels
Disposal should be in accordance with applicable regional and state law
Contaminated Packaging Disposal should be in accordance with regional and state law

14. **Transport Information**

Shipper is responsible for confirming proper shipping name, hazard class, packing group, marking, labeling, placarding, packaging and other regulatory requirements.

15. **Regulatory Information**

International Inventories N/D

US Federal Regulations EPA registered pesticide

CERCLA None

SARA 311-312 Hazard Class immediate health hazard, delayed health hazard, fire hazard

SARA 313

1,4 dioxane 123-91-1 <0.1%

Acetaldehyde 75-07-0 <0.1%

CWA N/D

US STATE Right to Know None above reportable quantities

This ingredient is on the TSCA inventory

16. **Other Information**

5/21/15

The information provided is correct to the best of our knowledge, information and belief at the above date. It is designed only as a guide and is considered a warranty of specification.
