

# Safety Data Sheet (SDS)

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## SUPPLIER / DISTRIBUTOR

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## PRODUCT IDENTIFIER

**429 – Game Breaker**

## OTHER COMMON NAMES OR SYNONYMS

## GHS CLASSIFICATION

### **HEALTH HAZARDS**

Acute toxicity, oral Category 4

Skin corrosion/irritation Category 1

Serious eye damage/eye irritation Category 1

## GHS LABEL ELEMENTS

Signal Word: **Danger**

## HAZARD STATEMENT(S)

Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

## PRECAUTIONARY STATEMENTS

### **PREVENTION**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

### **RESPONSE**

If swallowed: Call a poison center/doctor if you feel unwell. 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 poison center/doctor. Specific treatment (see this label). Wash contaminated clothing before reuse.

### **STORAGE**

Store locked up.

### **DISPOSAL**

Dispose of contents/container in accordance with local/regional/national/international regulations.

### **OTHER HAZARDS**

Keep out of reach of children. For commercial and industrial use only. Repeated exposure may cause skin

dryness or cracking.

The identity of individual components of this mixture is proprietary information and is regarded to be a trade secret and is withheld in accordance with paragraph (i) of §1910.1200.

<b>Ingredient</b>	<b>% by Wt.</b>
<b>Water</b>	60-90%
<b>Surfactant</b>	1-20%
<b>Sodium Hydrates</b>	1-10%
<b>Diethanolamide</b>	1-10%
<b>Conditioners &amp; Enhancers</b>	1-5%
<b>Fragrance</b>	<1%

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

**INHALATION:** Move to fresh air. Call a physician if symptoms develop or persist.

**SKIN CONTACT:** Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.

**INGESTION:** Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**Most important symptoms/effects, acute and delayed:**

POTENTIAL ACUTE HEALTH EFFECTS

Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

OVER-EXPOSURE SIGNS/SYMPTOMS

No information available.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** During fire, gases hazardous to health may be formed.

**SUITABLE EXTINGUISHING MEDIA:** Dry chemical, foam, carbon dioxide, water fog.

**UNSUITABLE EXTINGUISHING MEDIA:** Water. Do not use water jet as an extinguisher, as this will spread the fire. **HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:** No data.

**SPECIAL FIRE FIGHTING PROCEDURES:** Move containers from fire area if you can do so without risk.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:** Wear SCBA and full protective gear as conditions warrant.

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not

touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8.

#### METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Should not be released into the environment. Never return spills to original containers for re-use.

**LARGE SPILLS:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

**SMALL SPILLS:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

#### ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

#### PRECAUTIONS FOR SAFE HANDLING

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Do not get this material in contact with eyes. Do not get this material in contact with skin. Do not taste or swallow. Avoid prolonged exposure. Do not get this material on clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Avoid release to the environment. Do not empty into drains.

#### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10). **INCOMPATIBLE PRODUCTS:** Strong bases. Strong acids.

#### CONTROL PARAMETERS

<b>Ingredients</b>	<b>CAS</b>	<b>Value type (Form of exposure)</b>	<b>Control parameters Permissible concentration</b>	<b>Basis</b>
Sodium Hydroxide	1310-73-2	TWA	2mg/m <sup>3</sup>	OSHA PEL ACGIH Ceiling

#### ENGINEERING CONTROLS

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

#### INDIVIDUAL PROTECTION MEASURES

##### **EYE/FACE PROTECTION**

Wear eye/face protection. Wear safety glasses with side shields (or goggles) and a face shield.

##### **SKIN/BODY PROTECTION**

Appropriate protective clothing should be worn to prevent skin contact.

##### **HAND PROTECTION**

Chemical-resistant protective gloves (rubber or neoprene).

## RESPIRATORY PROTECTION

In case of insufficient ventilation, wear suitable respiratory equipment.

## HYGIENE MEASURES

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## PHYSICAL STATE

Liquid

## FORM

Liquid

## COLOR

Clear to Amber

## ODOR

Bubble Gum

## ODOR THRESHOLD

No data available.

## PH

No data available.

## FREEZING POINT

No data available.

## BOILING POINT

No data available.

## FLASH POINT

No data available.

## EVAPORATION RATE

No data available.

## FLAMMABILITY (SOLID, GAS)

No data available.

## FLAMMABILITY LIMIT - UPPER (%)

No data available.

## FLAMMABILITY LIMIT - LOWER (%)

No data available.

## EXPLOSIVE LIMIT - UPPER (%)

No data available.

## EXPLOSIVE LIMIT - LOWER (%)

No data available.

## VAPOR PRESSURE

No data available.

## VAPOR DENSITY

No data available.

## RELATIVE DENSITY

No data available.

#### SOLUBILITY IN WATER

Insoluble in water

#### SOLUBILITY (OTHER)

No data available.

#### PARTITION COEFFICIENT

No data available.

#### AUTO-IGNITION TEMPERATURE

No data available.

#### DECOMPOSITION TEMPERATURE

No data available.

#### VISCOSITY

No data available.

#### REACTIVITY

No data available.

#### CHEMICAL STABILITY

The product is stable and non-reactive under normal conditions of use, storage and transport.

#### POSSIBILITY OF HAZARDOUS REACTIONS

Under normal conditions of storage and use, hazardous reactions will not occur.

#### CONDITIONS TO AVOID

Heat, flames and sparks. Reacts violently with strong alkaline substances. This product may react with reducing agents. Contact with incompatible materials.

#### INCOMPATIBLE MATERIALS

This product may react with reducing agents. Incompatible with bases. Avoid strong acids, metals.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Sodium oxide. Thermal decomposition generates: Corrosive vapors.

**The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.**

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Based on test data and/or information on the components, this material may produce the following health effects: **INHALATION:** Prolonged inhalation may be harmful. May cause irritation to the respiratory system.

**SKIN CONTACT:** May be harmful in contact with skin. Causes skin irritation. May cause discomfort, drying

and redness. **EYE CONTACT:** Causes serious eye irritation. May cause pain, redness and watering.

**INGESTION:** Causes digestive tract burns. Harmful if swallowed. May cause irritation, nausea, vomiting and

diarrhea.

#### TOXICOLOGICAL DATA

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

##### **Acute Toxicity**

<b>Name</b>	<b>Route</b>	<b>Species</b>	<b>Value</b>
Sodium Hydroxide	Dermal	Rabbit	LD50 1300 mg/kg

##### **Skin Corrosion / Irritation**

<b>Name</b>	<b>Species</b>	<b>Value</b>
Sodium Hydroxide	Rabbit	Causes severe skin burns and eye damage.

##### **Serious Eye Damage/Irritation**

<b>Name</b>	<b>Species</b>	<b>Value</b>
Sodium Hydroxide	Rabbit	Causes serious eye damage.

**Skin Sensitization:** No data available.

**Respiratory Sensitization:** No data available.

**Germ Cell Mutagenicity:** No data available.

##### **Carcinogenicity**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

##### **Reproductive Toxicity**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed source of reproductive toxicity.

##### **Specific Target Organ Toxicity - single exposure**

No data available.

##### **Specific Target Organ Toxicity - repeated exposure**

No data available.

#### PREPARATION / REVISION

DATE 05/28/2015

#### OTHER INFORMATION

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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