

## Orange Punch

## SECTION 1. IDENTIFICATION

**Product Identifier** Orange Punch  
**Other Means of Identification** Code No. 130  
**Recommended Use** Alkaline Cleaner.  
**Restrictions on Use** Use only as directed according to label instructions.  
**Manufacturer/Supplier Identifier** Chandler, P.O. Box 431,  
225 Thorne Avenue, Saint John, NB, E2L 4L9, (506) 658-8000  
**Emergency Phone No.** CANUTECH, 613-996-6666, 24-hr for Emergencies involving Dangerous Goods  
**SDS No.** 0453

## SECTION 2. HAZARD IDENTIFICATION

## Classification

Acute toxicity (Oral) - Category 4; Skin corrosion - Category 1B; Serious eye damage - Category 1

## Label Elements



Danger  
Corrosive  
Causes severe eye damage and skin irritation or burns.  
Harmful if swallowed.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                         | CAS No.    | %     | Other Identifiers | Other Names |
|---------------------------------------|------------|-------|-------------------|-------------|
| Sodium metasilicate pentahydrate      | 10213-79-3 | 30-60 |                   |             |
| Sodium carbonate                      | 497-19-8   | 10-30 |                   |             |
| Alcohols, C9-11, ethoxylated, liquids | 68439-46-3 | 1-5   |                   |             |

## SECTION 4. FIRST-AID MEASURES

## First-aid Measures

## Inhalation

If irritation is experienced, remove person to fresh air.  
Get medical advice or attention if you feel unwell or are concerned.

## Skin Contact

In case of contact, immediately flush skin with plenty of water.  
Wash clothing before reuse.

Call a physician if irritation develops or persists.

#### **Eye Contact**

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.

If eye irritation persists, get medical advice or attention.

#### **Ingestion**

In case of ingestion, call a doctor or anti-poison Centre.

#### **Most Important Symptoms and Effects, Acute and Delayed**

Harmful if swallowed.

May cause severe eye irritation or burns.

May cause skin irritation on prolonged contact.

#### **Immediate Medical Attention and Special Treatment**

##### **Target Organs**

Eyes, skin, respiratory system, digestive system.

##### **Medical Conditions Aggravated by Exposure**

Asthma, skin allergies.

## **SECTION 5. FIRE-FIGHTING MEASURES**

#### **Extinguishing Media**

##### **Suitable Extinguishing Media**

Not combustible. Use extinguishing agent suitable for surrounding fire.

##### **Unsuitable Extinguishing Media**

None known.

#### **Specific Hazards Arising from the Product**

This product presents no unusual hazards in a fire situation.

#### **Special Protective Equipment and Precautions for Fire-fighters**

Wear full fire fighting equipment and respirator.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

#### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Increase ventilation to area or move leaking container to a well-ventilated and secure area.

#### **Environmental Precautions**

Large quantities of this material should be swept up with a minimal amount of dust generation and placed in a suitable container for disposal.

#### **Methods and Materials for Containment and Cleaning Up**

Avoid generating dust.

Use ventilation adequate to keep exposures (airborne levels of fumes / vapours) below recommended exposure limits.

Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal.

## **SECTION 7. HANDLING AND STORAGE**

#### **Precautions for Safe Handling**

Avoid breathing in this product.

Do not get in eyes, on skin or on clothing.

Do NOT ingest.

Keep containers tightly sealed when not in use.

#### **Conditions for Safe Storage**

Store in a cool dry area away from incompatible materials.

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Keep out of reach of children in a tightly closed container away from food, drink and animal feed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

| Chemical Name                         | ACGIH TLV®      |      | OSHA PEL        |         | AIHA WEEL |     |
|---------------------------------------|-----------------|------|-----------------|---------|-----------|-----|
|                                       | TWA             | STEL | TWA             | Ceiling | 8-hr TWA  | TWA |
| Alcohols, C9-11, ethoxylated, liquids | Not established |      | Not established |         |           |     |
| Sodium metasilicate pentahydrate      | Not established |      |                 |         |           |     |
| Sodium carbonate                      | Not established |      |                 |         |           |     |

### Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of vapour) below the recommended exposure limits.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

Wear protective gloves and clothing to prevent skin contact.

#### Respiratory Protection

Use in well ventilated areas. In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

|                                             |                                              |
|---------------------------------------------|----------------------------------------------|
| Appearance                                  | Orange powder.                               |
| pH                                          | ~ 12.5 (1% solution)                         |
| Melting Point/Freezing Point                | Not applicable (freezing)                    |
| Flash Point                                 | Not applicable                               |
| Upper/Lower Flammability or Explosive Limit | Not available (upper); Not available (lower) |
| Vapour Pressure                             | Not available                                |
| Solubility                                  | Soluble in water                             |
| Other Information                           |                                              |
| Physical State                              | Solid                                        |
| Bulk Density                                | Not available                                |

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

High temperatures.

Freezing.

Incompatible materials.

**Incompatible Materials**

Strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid), strong reducing agents (e.g. hydrides).

**Hazardous Decomposition Products**

May include but are not limited to oxides of carbon, nitrogen and ammonia.

**SECTION 11. TOXICOLOGICAL INFORMATION****Likely Routes of Exposure**

Inhalation.

Skin contact.

Skin absorption.

Eye contact.

Ingestion.

**Acute Toxicity**

| Chemical Name                         | LC50                               | LD50 (oral)      | LD50 (dermal)         |
|---------------------------------------|------------------------------------|------------------|-----------------------|
| Alcohols, C9-11, ethoxylated, liquids |                                    | 1378 mg/kg (rat) | > 2000 mg/kg (rabbit) |
| Sodium metasilicate pentahydrate      |                                    | 847 mg/kg (rat)  |                       |
| Sodium carbonate                      | 2300 mg/m3 (rat) (2-hour exposure) | 2390 mg/kg (rat) | Not available         |

**Skin Corrosion/Irritation**

May cause irritation or symptoms such as redness, edema, drying, defatting or cracking of the skin.

**Serious Eye Damage/Irritation**

May cause severe irritation or burns.

**STOT (Specific Target Organ Toxicity) - Single Exposure****Inhalation**

May cause irritation of the respiratory system.

**Skin Absorption**

May cause severe irritation or burns on prolonged contact.

**Ingestion**

May cause burns or irritation of the digestive system including nausea or vomiting. Harmful if swallowed.

**Aspiration Hazard**

May be drawn into the lungs (aspirated) if swallowed or vomited.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No chronic effects are expected provided adequate person protection is taken during usage.

**Respiratory and/or Skin Sensitization**

May cause an allergic reaction (skin sensitization) based on information for closely related chemicals.

**Carcinogenicity**

Not known to cause cancer.

**Reproductive Toxicity****Development of Offspring**

Not known to harm the unborn child.

**Sexual Function and Fertility**

Not known to cause effects on sexual function or fertility.

**Effects on or via Lactation**

Not known to cause effects on or via lactation.

#### **Germ Cell Mutagenicity**

Not known to be a mutagen.

## **SECTION 12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

May cause adverse effects in the aquatic environment.

#### **Persistence and Degradability**

May cause long-term adverse effects in the aquatic environment.

#### **Bioaccumulative Potential**

No information was located.

#### **Mobility in Soil**

No information was located.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

#### **Disposal Methods**

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

## **SECTION 14. TRANSPORT INFORMATION**

| Regulation   | UN No. | Proper Shipping Name                                                        | Transport Hazard Class(es) | Packing Group |
|--------------|--------|-----------------------------------------------------------------------------|----------------------------|---------------|
| Canadian TDG | 3262   | Corrosive Solid, Basic Inorganic (N.O.S. (Disodium Trioxosilicate Mixture)) | 8                          | III           |

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## **SECTION 15. REGULATORY INFORMATION**

#### **Safety, Health and Environmental Regulations**

##### **Canada**

##### **WHMIS 1988 Classification**



Class D2B



Class E

D2B - Toxic (Skin irritant; Eye irritant); E - Corrosive

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

## **SECTION 16. OTHER INFORMATION**

**SDS Prepared By** Technical Department

**Date of Preparation** December 05, 2018

**Disclaimer** The user of this product assumes all risks incident to the use of this product.  
To the best of our knowledge, the information contained herein is accurate.

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The data contained on this sheet apply to the products supplied to the user.