**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name : **BATHROOM CLEANER**

Other means of identification : Not applicable

Recommended use : Bathroom Cleaner

Restrictions on use : For industrial and professional use

Company West Chem Loveland

2032 Alta Court

Loveland, CO 80538

Emergency telephone (970) 490-9096

Poison control center (800)-222-1222

Issuing date 04/1/2015

**SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification**

Acute toxicity Dermal(Category 5)

Skin irritation Category 3

Eye irritation Category 2A

**GHS Label elements**

Hazard pictograms :



Signal Word Warning

Hazard Statements Causes mild skin irritation.

Causes eye irritation.

Precautionary Statements **Prevention:**

IF ON SKIN Wash skin thoroughly after handling.

IF SWALLOWED Rinse mouth

IF IN EYES Rinse cautiously with water for several minutes.

**Other hazards** : None known

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Pure substance/mixture : Mixture

**Chemical name CAS-No. Concentration (%)**

Citric Acid 77-92-9 5-20

**SECTION 4. FIRST AID MEASURES**

In case of eye contact Rinse with plenty of water.

In case of skin contact : Rinse with plenty of water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled Get medical attention if symptoms occur.

Protection of first-aiders : No special precautions are necessary for first aid responders.

Notes to Physician : Treat symptomatically.

Most important symptoms : See section 11 for more detailed information on health effects

and effects, both acute and and symptoms.

delayed

**SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local

Circumstances and the surrounding environment.

Unsuitable extinguishing media : None known

Specific hazards during fire : Not flammable or combustible.

fighting

Hazardous combustion : Decomposition products may include the following materials:

products Carbon oxides

Special protective equipment : None

for fire-fighters

Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be

disposed of in accordance with local regulations. In the event of

fire and/or explosion do not breathe fumes.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, : Refer to protective measures listed in sections 7 and 8.

protective equipment and

emergency procedures

Environmental precautions : Do not allow contact with soil, surface or ground water.

Methods and materials for : Stop leak if safe to do so. Contain spillage, and then collect with

containment and cleaning up non-combustible absorbent material, (e.g. sand, earth,

diatomaceous earth, vermiculite) and place in container for

disposal according to local/ national regulations (see section 13).

Flush away traces with water. For large spills, dike spilled material

or otherwise contain material to ensure runoff does not reach a

waterway.

**SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Wash hands thoroughly after handling.

Conditions for safe storage : Keep out of reach of children. Store in suitable labeled

containers.

Storage temperature : 0 ̊C to 50 ̊C

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Ingredients with workplace control parameters**

Engineering measures Not required

**Personal protective equipment**

Eye protection : No special protective equipment required.

Hand protection : No special protective equipment required.

Skin protection : No special protective equipment required.

Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene Measures : Handle in accordance with good industrial hygiene and safety

practice.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance Liquid

Color Pink

Odor : Fruit

pH : 2.0 – 4.0, (100%)

Flash point : > 100 ̊C

Odor threshold : No data available

Melting point/freezing point : No data available

Initial boiling point and 100 ̊C

boiling range

Evaporation Rate : No data available

Flammability (solid, gas) : No data available

Upper Explosion Limit : No data available

Lower Explosion Limit : No data available

Vapor Pressure : No data available

Relative Vapor Density : No data available

Specific Gravity 1.005

Relative Density : No data available

Water Solubility : complete

Solubility in Other Solvents : No data available

Partition Coefficient: n Octanol/Water No data available

Autoignition Temperature : No data available

Thermal Decomposition : No data available

Viscosity, Kinematic : No data available

Explosive Properties : No data available

Oxidizing Properties : The substance/mixture is not classified as oxidizing

Molecular Weight : No data available

VOC : No data available

**SECTION 10. STABILITY AND REACTIVITY**

Chemical stability Stable under normal conditions

Possibility of hazardous : Under normal conditions of storage and use, hazardous reactions

reactions will not occur.

Conditions to avoid : None known

Materials to avoid None known

Hazardous decomposition : Under normal conditions of storage and use, hazardous

products decomposition products should not be produced.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Information on likely routes of Eye contact, Skin contact

exposure

**Potential Health Effects**

Eyes : Causes eye irritation.

Skin : Health injuries are not known or expected under normal use.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

Chronic exposure **:** Health injuries are not known or expected under normal use.

**Experience with human exposure**

Eye contact : Redness, Irritation

Skin contact : No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

**Toxicity**

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg

Acute inhalation toxicity : No data available

Acute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg

Skin corrosion/irritation : No data available

Serious eye damage/eye : No data available

Irritation

Respiratory or skin : No data available

sensitization

Carcinogenicity : No data available

Reproductive effects : No data available

Germ cell mutagenicity : No data available

Teratogenicity : No data available

STOT -single exposure : No data available

STOT -repeated exposure : No data available

Aspiration toxicity : No data available

**Ingredients**

Oral oxirane, methyl-, polymer

LD50 >2000 mg/kg (Rat)

Acute dermal toxicity oxirane, methyl-, polymer

LD50 10200 mg/kg(rabbit)

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Environmental EffectsHarmful to aquatic life

**Product**

Toxicity to fish No data available

Toxicity to daphnia and other : No data available

aquatic invertebrates

Toxicity to algae : No data available

**Ingredients**

Toxicity to fish Citric acid

Leuciscus idus melanoius/LD50(48hr) 440mg/l

Toxicity to aquatic invertibrates Daphnia magna/EC50(24h): 1535 mg/l

Readily biodegradable

Bioaccumulative potential

No data available

Mobility in soil

No data available

**Other adverse effects**

No data available

**SECTION 13. DISPOSAL CONSIDERATIONS**

Disposal methods : The product should not be allowed to enter drains, water

courses or the soil.

Disposal considerations : Dispose of in accordance with local, state, and federal regulations.

**SECTION 14. TRANSPORT INFORMATION**

This shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

**Land Transport (DOT)**

Not regulated

**Sea Transport (IMDG/IMO)**

Not regulated

**SECTION 15. REGULATORY INFORMATION**

**EPCRA – Emergency Planning and Community Right-to-Know**

**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substance Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ

**SARA 311/312 Hazards :**  Acute Health Hazard

**SARA 302 :** No chemicals in this material are subject to the reporting

Requirements of SARA Title lll, Section 302.

**SARA 313 :** This material does not contain any chemical components

with known CAS numbers that exceed the threshold (De

Minimus) reporting levels established by SARA Title lll,

Section 313.

**California Prop 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other

reproductive defects.

**The ingredients of this product are reported in the following inventories:**

**United States TSCA Inventory :**

On TSCA Inventory

**Canadian Domestic Substances List (DSL) :**

This product contains one or several components listed in the Canadian NDSL.

**SECTION 16. OTHER INFORMATION**

**Hazardous Material :**

**Information System (U.S.A)**

**Health 1**

**Flammability**  **0**

**Physical Hazards** **0**

**NFPA:**

**Flammability**

**13**

**Instability/**

**Reactivity**

**Health**

**0**

**0**

**Special Hazard**

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Prepared by : Specialty Chemicals & Systems

Notice to reader

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge., information and belief at the date of its publication. The information given is designed only as a guidance for safe handling,

Use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality

Specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.