

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

| Product name | : | DRAIN TREATMENT |
|-------------------------------|---|--|
| Other means of identification | : | Not applicable |
| Recommended use | : | Drain Cleaner |
| Restrictions on use | : | Reserved for industrial and professional use. |
| Product dilution information | • | Product is sold ready to use. |
| Company | : | Kay Chemical Company 8300 Capital Drive Greensboro, North Carolina USA 27409 1-800-529-5458 |
| Emergency telephone | : | 1-877-231-2615 (USA/Canada), 952-853-1713 (outside USA) |
| Issuing date | : | 03/23/2015 |

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

| Precautionary Statements | Prevention: Wash hands thoroughly after handling. Response: Get medical advice/ attention if you feel unwell. Storage: Store in accordance with local regulations. |
|--------------------------|--|
|--------------------------|--|

Other hazards

: None known.

 SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

 Pure substance/mixture
 : Mixture

 Chemical Name
 CAS-No.
 Concentration (%)

 Propylene glycol
 57-55-6
 1 - 5

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 | : | No specific measures identified. |

Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

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 fighting | : | Not flammable or combustible. |
| Hazardous combustion products | : | Decomposition products may include the following materials: Carbon oxides Nitrogen oxides (NOx) Sulfur oxides Oxides of phosphorus |
| Special protective equipment for fire-fighters | : | Use personal protective equipment. |
| Specific extinguishing methods | : | Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

| Personal precautions, protective equipment and emergency procedures | : | Refer to protective measures listed in sections 7 and 8. |
|---|---|---|
| Environmental precautions | : | No special environmental precautions required. |
| Methods and materials for containment and cleaning up | : | Stop leak if safe to do so. Contain spillage, and then collect with 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 | S | TORAGE |

SECTION 7. HANDLING AND STORAGE Advice on safe handling : Wash hands after handling. For personal protection see section 8. 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

| Ingredients CAS-No. | Form of exposure | Permissible concentration | Basis | |
|---------------------|------------------|---------------------------|-------|--|
|---------------------|------------------|---------------------------|-------|--|

| Propylene glycol | 57-55-6 | TWA | 10 mg/m3 | WEEL |
|------------------------------|-------------------------|--|-----------------------------|--------------|
| Engineering measures | | ventilation should rborne contamina | be sufficient to contronts. | ol worker |
| Personal protective equipmer | nt | | | |
| Eye protection | : No special pro | tective equipmen | t required. | |
| Hand protection | : No special pro | tective equipmen | t required. | |
| Skin protection | : No special pro | tective equipmen | t required. | |
| Respiratory protection | : No personal re | espiratory protecti | ve equipment normall | ly required. |
| Hygiene measures | : Wash hands b product. | efore breaks and | immediately after har | ndling the |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| Appearance | : | liquid |
|--|---|-------------------|
| Color | : | light green |
| Odor | : | citrus |
| рН | : | 7.5, 100 % |
| Flash point | : | Not applicable |
| Odor Threshold | : | No data available |
| Melting point/freezing point | : | No data available |
| Initial boiling point and boiling range | : | No data available |
| 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 |
| Relative density | : | 1.0 |
| Water solubility | : | soluble |
| 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 | : | No data available |
| Molecular weight | : | No data available |
| VOC | : | No data available |

SECTION 10. STABILITY AND REACTIVITY

| Chemical stability | : | Stable under normal conditions. |
|------------------------------------|---|--|
| Possibility of hazardous reactions | : | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | : | None known. |
| Incompatible materials | : | None known. |
| Hazardous decomposition products | : | Decomposition products may include the following materials: Carbon oxides Nitrogen oxides (NOx) Sulfur oxides Oxides of phosphorus |

SECTION 11. TOXICOLOGICAL INFORMATION

| Information on likely routes of | : | Inhalation, Eye contact, Skin contact |
|---------------------------------|---|---------------------------------------|
| exposure | | |

Potential Health Effects

| Eyes | : Health injuries are not known or expected under normal use. |
|------------------|---|
| 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 : | No symptoms known or expected. |
|--|---|
| 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 : | No data available |
| Skin corrosion/irritation : | No data available |
| Serious eye damage/eye : irritation | No data available |
| Respiratory or skin : sensitization | No data available |
| 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 | | |
| Acute inhalation toxicity | : | Propylene glycol 4 h LC50 Rat: > 158.5 mg/l |

SECTION 12. ECOLOGICAL INFORMATION

| Ecotoxicity | | | | |
|---|---|---|--|--|
| Environmental Effects | : | This product has no known ecotoxicological effects. | | |
| Product | | | | |
| Toxicity to fish | : | No data available | | |
| Toxicity to daphnia and other aquatic invertebrates | : | No data available | | |
| Toxicity to algae | : | No data available | | |
| Ingredients | | | | |
| Toxicity to fish | : | Propylene glycol 96 h LC50: > 10,000 mg/l | | |
| Ingredients | | | | |
| Toxicity to daphnia and other aquatic invertebrates | : | Propylene glycol 48 h EC50: 18,340 mg/l | | |
| Ingredients | | | | |
| Toxicity to algae | : | Propylene glycol 96 h EC50: 19,000 mg/l | | |
| Persistence and degradability | | | | |
| No data available | | | | |
| Bioaccumulative potential | | | | |
| No data available | | | | |
| Mobility in soil | | | | |
| No data available | | | | |
| Other adverse effects | | | | |
| No data available | | | | |
| SECTION 13. DISPOSAL CONSIDERATIONS | | | | |
| | | | | |

Disposal methods

: Diluted product can be flushed to sanitary sewer.

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

SECTION 14. TRANSPORT INFORMATION

The 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 dangerous goods

Sea transport (IMDG/IMO)

Not dangerous goods

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 Substances Reportable Quantity

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

| SARA 311/312 Hazards | : N | No SARA Hazards |
|----------------------|-----|---|
| SARA 302 | | No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. |
| SARA 313 | C | This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, 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) :

All components of this product are on the Canadian DSL.

Australia Inventory of Chemical Substances (AICS) :

not determined

New Zealand. Inventory of Chemical Substances :

not determined

Japan. ENCS - Existing and New Chemical Substances Inventory : not determined

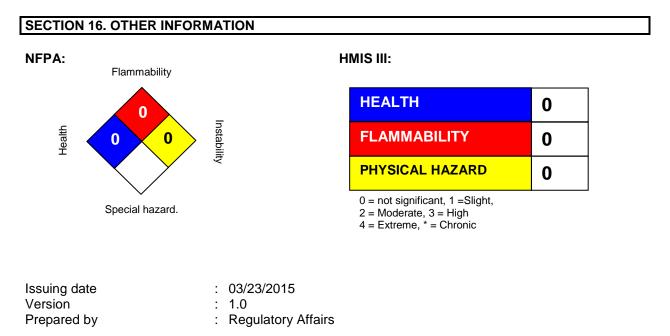
Japan. ISHL - Inventory of Chemical Substances (METI) : not determined

Korea. Korean Existing Chemicals Inventory (KECI) : not determined

Philippines Inventory of Chemicals and Chemical Substances (PICCS) : On the inventory, or in compliance with the inventory

China. Inventory of Existing Chemical Substances in China (IECSC) :

On the inventory, or in compliance with the inventory



REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

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.