

1. Identification

Product identifier Sulfuric Acid .12N
Product code R-0009
Recommended use Use as directed by manufacturer for purposes directly related to water testing.
Recommended restrictions None known

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Taylor Technologies, Inc.
Address 31 Loveton Circle
Sparks, MD 21152
United States
Telephone (410) 472-4340 Monday–Friday, 8:00 a.m.–4:30 p.m.
Website www.taylortechnologies.com
E-mail Not available
Emergency phone number (800) 837-8548

2. Hazard(s) identification

Physical hazards Corrosive to metals Category 1
Health hazards Eye damage/irritation Category 1
Skin corrosion/irritation Category 1C
Specific target organ toxicity, single exposure Category 3 respiratory tract irritation
Environmental hazards Not currently regulated by OSHA; refer to section 12 of the SDS for additional information.

Label elements



Signal word Danger
Hazard statement May be corrosive to metals. Causes severe skin burns and eye damage. May cause respiratory irritation.
Precautionary statement
Prevention Keep only in original container. Do not breathe mist or vapor. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.
Response Absorb spillage to prevent material damage.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water.
Wash contaminated clothing before reuse.
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 physician or poison control center.
Storage Store locked up. Store in a corrosive-resistant container with a corrosive resistant liner.

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| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Hazard(s) not otherwise classified | May cause pulmonary edema (fluid accumulation). Symptoms of pulmonary edema (chest pain, shortness of breath) may be delayed. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus, and possibly the digestive tract. |
| Supplemental information | None |

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|-----------------|-------------------------------------|------------|-------|
| Deionized water | Dihydrogen oxide | 7732-18-5 | 95–99 |
| Sulfuric acid | Hydrogen sulfate; Oil of vitriol | 7664-93-9 | 0.1–5 |

4. First-aid measures

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| Inhalation | Move to fresh air. Give oxygen or artificial respiration if needed. Get medical attention immediately. |
| Skin contact | Immediately flush skin with running water for at least 20 minutes. Immediately take off all contaminated clothing. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse. |
| Eye contact | Immediately flush eyes with plenty of water for at least 20 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Call a physician or poison control center immediately. |
| Ingestion | Call a physician or poison control center immediately. Rinse mouth. Never give anything by mouth to a person who is unconscious or is having convulsions. Do NOT induce vomiting unless directed by physician. If vomiting occurs, keep head low so that stomach content does not get into the lungs. |
| Most important symptoms/effects, acute and delayed | Direct skin contact may cause corrosive skin burns, deep ulcerations, and possibly permanent scarring. Direct contact with concentrated solutions may be corrosive to the eyes and may cause severe damage, including blindness. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Inhalation of mists can cause severe respiratory irritation. Symptoms may include coughing, choking, and wheezing. Inhalation could result in pulmonary edema (fluid accumulation). Symptoms of pulmonary edema (chest pain, shortness of breath) may be delayed. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus, and possibly the digestive tract. Symptoms may include abdominal pain, vomiting, burns, perforations, bleeding. |
| 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. Keep person under observation. Symptoms may be delayed. |
| General information | Ensure medical personnel are aware of the material(s) involved and take precautions to protect themselves. |

5. Firefighting measures

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| Suitable extinguishing media | Water fog. Foam. Dry chemical powder. Carbon dioxide. |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Firefighting equipment/instructions | Firefighters should wear full protective gear. Evacuate the area promptly. Fight fire from upwind to avoid exposure to combustion products. Cool containers/tanks with water spray. Do not get water inside container. Move containers from fire area if it can be done without risk. Prevent fire-extinguishing water from contaminating surface water or the ground water system. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. |
| General fire hazards | Not combustible; however, the product can react with metals to form flammable and explosive hydrogen gas. |

Hazardous combustion products

Sulfur oxides. Other irritating fumes and smoke.

6. Accidental release measures

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 cleanup. 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 protective equipment, refer to section 8 of the SDS.

Methods and materials for containment and cleaning up

This product is miscible in water.

Large Spills: Dike the spilled material where this is possible. Stop leak if it can be done without risk. Absorb spillage to prevent material damage. 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: Absorb spillage with noncombustible, absorbent material. Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for reuse. For waste disposal, refer to section 13 of the SDS. Dilute acid with water and neutralize with dilute base. If not recoverable, dilute with water or flush to holding area and neutralize. Contaminated absorbent material may pose the same hazards as the spilled product.

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

Environmental precautions

Avoid discharge into drains, watercourses, or onto the ground.

7. Handling and storage

Precautions for safe handling

Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. For personal protective equipment, refer to section 8 of the SDS. Keep away from metals and other incompatibles. Observe good industrial hygiene practices. Label containers appropriately.

Conditions for safe storage, including any incompatibilities

Store locked up. Store in corrosive-resistant container with a corrosive-resistant inner liner. Store in original tightly closed container. Keep only in the original container. Store in a cool, dry place out of direct sunlight. Store away from incompatible materials (refer to section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

U.S. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value | Form |
|-------------------------------|------|---------------------|----------------|
| Sulfuric acid (CAS 7664-93-9) | PEL | 1 mg/m ³ | Not applicable |

U.S. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|-------------------------------|------|-----------------------|-------------------|
| Sulfuric acid (CAS 7664-93-9) | TWA | 0.2 mg/m ³ | Thoracic fraction |

U.S. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value | Form |
|-------------------------------|------|---------------------|----------------|
| Sulfuric acid (CAS 7664-93-9) | TWA | 1 mg/m ³ | Not applicable |

Biological limit values

No biological exposure limits noted for the ingredient(s)

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eyewash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles) and a face shield. Provide an emergency eyewash fountain and quick-drench shower in the immediate work area.

Skin protection

Hand protection

Wear appropriate chemical-resistant gloves. Advice should be sought from glove suppliers.

Other

Wear appropriate chemical-resistant clothing.

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|---------------------------------------|---|
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fumes at levels exceeding the exposure limits. Advice should be sought from respiratory protection suppliers. |
| Thermal hazards | When necessary, wear appropriate thermal protective clothing. |
| General hygiene considerations | 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 contamination. |

9. Physical and chemical properties

Appearance

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|---|-------------------------------------|
| Physical state | Liquid |
| Form | Liquid |
| Color | Clear colorless or nearly colorless |
| Odor | Odorless |
| Odor threshold | Not available |
| pH | 1.3 |
| Melting point/freezing point | Not available |
| Initial boiling point and boiling range | 212°F (100°C) |
| Flash point | Not applicable (does not burn) |
| Evaporation rate | Not available |
| Flammability (solid, gas) | Not applicable |
| Upper/lower flammability or explosive limits | |
| Flammability limit, lower (%) | Not applicable |
| Flammability limit, upper (%) | Not applicable |
| Explosive limit, lower (%) | Not applicable |
| Explosive limit, upper (%) | Not applicable |
| Vapor pressure | 17 mm Hg |
| Vapor density | 0.6 |
| Relative density | 1.00 g/cm ³ |
| Solubility(ies) | |
| Solubility (water) | Soluble in all proportions |
| Partition coefficient (n-octanol/water) | Not available |
| Auto-ignition temperature | Not applicable |
| Decomposition temperature | Not available |
| Viscosity | Not available |
| Other information | |
| Explosive properties | Not applicable |
| Oxidizing properties | Not applicable |
| Percent volatile | 100% |
| Specific gravity | 1.00 |

10. Stability and reactivity

| | |
|---------------------------|--|
| Reactivity | This product is stable and nonreactive under normal conditions of use, storage, transport. |
| Chemical stability | Material is stable under normal conditions. Decomposes at ~ 644°F (340°C) to form sulfur trioxide. |

| | |
|---|---|
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use |
| Conditions to avoid | Contact with incompatible materials. Direct sunlight. Do not use in areas without adequate ventilation. |
| Incompatible materials | Metal compounds. Nitromethane. Oxidizing agents. Sugars. |
| Hazardous decomposition products | None known. For hazardous combustion products, refer to section 5 of the SDS. |

11. Toxicological information

Information on likely routes of exposure

| | |
|---------------------|--|
| Inhalation | May cause irritation to the respiratory system |
| Skin contact | Causes severe skin burns |
| Eye contact | Causes serious eye damage |
| Ingestion | Causes digestive tract burns |

Most important symptoms/effects, acute and delayed

Direct skin contact may cause corrosive skin burns, deep ulcerations, and possibly permanent scarring. Direct contact with concentrated solutions may be corrosive to the eyes and may cause severe damage, including blindness. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Inhalation of mists can cause severe respiratory irritation. Symptoms may include coughing, choking, and wheezing. Inhalation could result in pulmonary edema (fluid accumulation). Symptoms of pulmonary edema (chest pain, shortness of breath) may be delayed.

Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus, and possibly the digestive tract. Symptoms may include abdominal pain, vomiting, burns, perforations, bleeding.

Acute toxicity

This product is not classified as an acute toxicity hazard. See below for individual ingredient acute toxicity data.

| Components | Species | Test Results |
|--|---|----------------------------|
| Sulfuric acid (CAS 7664-93-9) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD ₅₀ | Rabbit | Not available |
| <i>Inhalation</i> | | |
| LC ₅₀ | Rat | 0.375 mg/L, 4 hours (mist) |
| <i>Oral</i> | | |
| LD ₅₀ | Rat | 2140 mg/kg |
| Deionized water (CAS 7732-18-5) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD ₅₀ | Rabbit | Not available |
| <i>Inhalation</i> | | |
| LC ₅₀ | Rat | Not available |
| <i>Oral</i> | | |
| LD ₅₀ | Rat | >89840 mg/kg |
| Skin corrosion/irritation | Causes severe skin burns and eye damage | |
| Serious eye damage/eye irritation | Causes serious eye damage | |
| Respiratory sensitization | Not expected to be a respiratory sensitizer | |
| Skin sensitization | Not expected to be a skin sensitizer | |
| Germ cell mutagenicity | Not expected to be mutagenic | |

Carcinogenicity This product is not considered to be a carcinogen by IARC, NTP, OSHA, or U.S. ACGIH. Occupational exposure to strong inorganic acid mists containing sulfuric acid is carcinogenic to humans. The information located is insufficient to conclude that sulfuric acid itself is a carcinogen. IARC has concluded there is sufficient evidence that occupational exposure to strong inorganic acid mists containing sulfuric acid is carcinogenic to humans (Group 1). ACGIH has designated strong inorganic acid mists containing sulfuric acid as A2 (suspected human carcinogen). US NTP has listed strong inorganic acid mists containing sulfuric acid as a known human carcinogen. These classifications are for inorganic acid mists containing sulfuric acid and do not apply to sulfuric acid or sulfuric acid solutions.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096)

Not regulated

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity, single exposure May cause respiratory irritation
Specific target organ toxicity, repeated exposure Not classified as a specific target organ toxicity – repeated exposure
Aspiration toxicity Not expected to be an aspiration hazard
Chronic effects Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

12. Ecological information

Ecotoxicity This product is not classified as environmentally hazardous; however, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Components | Species | Test Results |
|---|--|----------------------|
| Sulfuric acid (CAS 7664-93-9) – Aquatic | | |
| Acute | | |
| <i>Algae</i> | | |
| EC ₅₀ | Green algae (<i>Pseudokirchneriella subcapitata</i>) | >100 mg/L, 72 hours |
| <i>Crustacea</i> | | |
| EC ₅₀ | Water flea (<i>Daphnia magna</i>) | 29 mg/L, 24 hours |
| <i>Fish</i> | | |
| LC ₅₀ | Bluegill (<i>Lepomis macrochirus</i>) | 16–28 mg/L, 96 hours |
| Persistence and degradability | Not available | |
| Bioaccumulative potential | Not available | |
| Mobility in soil | High water solubility indicates a high mobility in soil. | |
| Other adverse effects | No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. | |

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose of in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations Dispose of in accordance with all applicable regulations.
Hazardous waste code The waste code should be assigned in discussion with the user, the producer, and the waste disposal company.
Waste from residues/unused products Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (refer to Disposal instructions).
Contaminated packaging Empty containers should be taken to an approved waste-handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transportation information

DOT
UN number UN3264
UN proper shipping name Corrosive liquid, acidic, inorganic, N.O.S. (Sulphuric acid)
Transport hazard class(es)
Class 8
Subsidiary risk Not listed

| | |
|------------------------------|--|
| Label(s) | 8 |
| Packing group | III |
| Special precautions for user | Read safety instructions, SDS, and emergency procedures before handling. |
| Special provisions | IB3, T7, TP1, TP28 |
| Packaging exceptions | 154 |
| Packaging, non-bulk | 203 |
| Packaging, bulk | 241 |

IATA

| | |
|------------------------------|--|
| UN number | UN3264 |
| UN proper shipping name | Corrosive liquid, acidic, inorganic, N.O.S. (Sulphuric acid) |
| Transport hazard class(es) | |
| Class | 8 |
| Subsidiary risk | Not listed |
| Packing group | III |
| Environmental hazards | Not listed |
| ERG code | 8L |
| Special precautions for user | Read safety instructions, SDS, and emergency procedures before handling. |
| Other information | |
| Passenger and cargo aircraft | Allowed |
| Cargo aircraft only | Allowed |

IMDG

| | |
|------------------------------|--|
| UN number | UN3264 |
| UN proper shipping name | Corrosive liquid, acidic, inorganic, N.O.S. (Sulphuric acid) |
| Transport hazard class(es) | |
| Class | 8 |
| Subsidiary risk | Not listed |
| Packing group | III |
| Environmental hazards | |
| Marine pollutant | Not listed |
| EmS | F-A, S-B |
| Special precautions for user | Read safety instructions, SDS, and emergency procedures before handling. |

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

This substance/mixture is not intended to be transported in bulk.

DOT



IATA; IMDG



15. Regulatory information

U.S. federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory list.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated

CERCLA Hazardous Substance (40 CFR 302.4)

Sulfuric acid (CAS 7664-93-9)

SARA 304 Emergency Release Notification

Sulfuric acid (CAS 7664-93-9) 1000 lb.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096)

Not regulated

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
 Immediate hazard – yes
 Delayed hazard – no
 Fire hazard – no
 Pressure hazard – no
 Reactivity hazard – yes

SARA 302 Extremely Hazardous Substance

| Chemical name | CAS number | Reportable quantity (lb.) | Threshold planning quantity (lb.) | Threshold planning quantity lower value | Threshold planning quantity upper value |
|---------------|------------|---------------------------|-----------------------------------|---|---|
| Sulfuric acid | 7664-93-9 | 1000 | 1000 | Not applicable | Not applicable |

SARA 311/312 Hazardous Chemical

Not listed

SARA 313 (TRI reporting)

| Chemical name | CAS number | % by weight |
|---------------|------------|-------------|
| Sulfuric acid | 7664-93-9 | 0.1–5 |

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs)**

Not regulated

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Sulfuric acid (CAS 7664-93-9)

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

Sulfuric acid (CAS 7664-93-9) 6552

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Sulfuric acid (CAS 7664-93-9) 20% W/V

DEA Exempt Chemical Mixtures Code Number

Sulfuric acid (CAS 7664-93-9) 6552

Safe Drinking Water Act (SDWA)

Not regulated

U.S. state regulations**California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not regulated

Massachusetts Right-to-Know Act

Sulfuric acid (CAS 7664-93-9)

New Jersey Worker and Community Right-to-Know Act

Sulfuric acid (CAS 7664-93-9)

Pennsylvania Worker and Community Right-to-Know Act

Sulfuric acid (CAS 7664-93-9)

Rhode Island Right-to-Know Act

Sulfuric acid (CAS 7664-93-9)

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

California Proposition 65 - CRT: Listed date/carcinogenic substance

Sulfuric acid (CAS 7664-93-9) This product is not an inorganic acid mist containing sulfuric acid; therefore, the Proposition 65 statement does not apply.

International inventories

| Country(ies) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|---------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | yes |
| Canada | Domestic Substances List (DSL) | yes |
| Canada | Non-Domestic Substances List (NDSL) | no |
| China | Inventory of Existing Chemical Substances Produced or Imported in China (IECSC) | yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | no |
| Japan | Existing and New Chemical Substances (ENCS) | yes |
| Korea | Existing Chemicals List (ECL) | yes |
| New Zealand | New Zealand Inventory of Chemicals (NZIoC) | yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) | yes |

*A "yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(ies).

A "no" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(ies).

16. Other information, including date of preparation or last revision

List of abbreviations

ACGIH: American Conference of Governmental Industrial Hygienists
AICS: Australian Inventory of Chemical Substances
CAA: Clean Air Act
CAS: Chemical Abstract Services
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
CFR: Code of Federal Regulations
CSA: Canadian Standards Association
DEA: Drug Enforcement Agency
DOT: Department of Transportation
DSL: Domestic Substances List
EC: effective concentration
ECL: Existing Chemicals List
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
ENCS: Existing and New Chemical Substances
EPA: Environmental Protection Agency
HAP: hazardous air pollutants
HMIS: Hazardous Materials Identification System
HNOC: hazards not otherwise classified
HPA: Hazardous Products Act
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
ICAO: International Civil Aviation Organization
IECSC: Inventory of Existing Chemical Substances Produced or Imported in China
IMDG: International Maritime Dangerous Goods
IUCLID: International Uniform Chemical Information Database
LC: lethal concentration
LD: lethal dose
MARPOL: marine pollution
MSHA: Mine Safety and Health Administration
NDSL: Non-Domestic Substances List
NFPA: National Fire Protection Association
NIOSH: National Institute of Occupational Safety and Health
NOEC: no observable effect concentration
NTP: National Toxicology Program
NZIoC: New Zealand Inventory of Chemicals
OECD: Organisation for Economic Co-operation and Development
OEL: occupational exposure limits
OSHA: Occupational Safety and Health Administration
PEL: permissible exposure limits

PICCS: Philippine Inventory of Chemicals and Chemical Substances
PPE: personal protective equipment
RCRA: Resource Conservation and Recovery
Act RQ: reportable quantity
RTECS: Registry of Toxic Effects of Chemical Substances
RTK: right to know
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet
SDWA: Safe Drinking Water Act
STEL: short-term exposure limit
TLV: threshold limit values
TSCA: Toxic Substances Control Act
TWA: time-weighted average
VOC: volatile organic compounds
WEL: workplace exposure limit

Disclaimer

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