



Solve 7670

Safety Data Sheet

Date Issued: 06/26/15

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1. **PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: **SOLVE 7670**
IDENTIFIED USE: Precipitant
COMPANY: WaterSolve, LLC, 5031 68th Street Caledonia, MI 49316, USA
For Product information call 616-575-8693 www.gowatersolve.com

For Chemical Emergency [Spill, Leak, Fire, Exposure, or Accident](#)

Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

2. **HAZARDS IDENTIFICATION**

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

Other hazards

The following percentage of the mixture consists of ingredients with unknown acute toxicity: 100%

3. **COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous components

Contains no hazardous ingredients according to GHS.

4. **FIRST AID MEASURES**

Description of first aid measures

Inhalation: Move to fresh air in case of accidental inhalation of vapors. If breathing is labored, administer oxygen or artificial respiration. Call a physician or poison control center immediately.

Skin Contact: Remove contaminated clothing and shoes and flush affected area with soap and water for at least 15 minutes. Wash affected skin with water. If irritation (redness, rash, blistering) develops get medical attention. Wash or discard contaminated clothing and shoes.

Eye Contact: In case of eye contact, remove contact lenses and rinse immediately with plenty of water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice.

If swallowed: Immediately rinse mouth with water. **DO NOT** induce vomiting without medical advice. If conscious, drink plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention.

Most important symptoms and effects, both acute and delayed: None known.

5. **FIRE-FIGHTING MEASURES**

Extinguishing Media

-Suitable Extinguishing Media: Foam, carbon dioxide, ABC powder, water mist

Special hazards arising from the substance or mixture: Burning produces irritant fumes. Exposure to decomposition products may be a hazard to health. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water.

Specific extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Advice for fire-fighters: In the event of fire, wear self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Exposure to decomposition products may be a hazard to health. Keep containers cool by spraying with water if exposed to fire.

6. **ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Ensure adequate ventilation. Material can create slippery conditions. Use non-slip safety shoes in areas where spills or leaks can occur. Put on protective equipment before entering danger area. Wear protective gloves/protective clothing/eye protection/face protection.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Prevent substance entering drains or sewers. Do not allow contact with soil, surface or ground water. Do not allow uncontrolled discharge of product into the environment.

Methods and material for containment and cleaning up: Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel. Pick up and transfer to properly labelled containers. Clean contaminated floors and objects thoroughly while observing environmental regulations. Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

7. **HANDLING AND STORAGE**

Advice on protection against fire and explosion: The product is not flammable. No special protective measures against fire required.

Precautions for safe handling: Wear protective gloves/protective clothing/eye protection/face protection. Handle with care. Take care to avoid waste and spillage when weighing, loading and mixing product.

Conditions for safe Storage, including any incompatibilities: No smoking. Keep in properly labelled containers. Observe label precautions. Keep containers tightly closed in a dry, cool and well-ventilated place.

Materials to avoid: Do not freeze. Keep away from food and drink. Keep away from tobacco products.

Recommended storage temperature: 4-32°C

8. **EXPOSURE CONTROLS/PROTECTIVE MEASURES**

Components with workplace control parameters

Engineering measures: Handle only in place equipped with local exhaust (or other appropriate exhaust). Maintain air concentrations below occupational exposure standards. Ensure that the eye flushing systems and safety showers are located close to the working place.

Personal Protection equipment:

Eye Protection: Safety glasses with side-shields. Tightly fitting safety goggles. Goggles giving complete protection to eyes. Full face shield.

Skin Protection hand protection/other: The following to be used as necessary: Impervious Gloves (Neoprene or Natural rubber). Chemical protection suit. Wear Safety or chemical resistant shoes or boots. Check with protective equipment manufacturer's data. Check working clothes after each work shift.

Respiratory Protection: Normally no personal respiratory protection is necessary, if good ventilation in areas. Otherwise, when workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use NIOSH approved respiratory protection.

Protective measures: Avoid contact with skin. When using do not eat, drink or smoke. Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures: Do not smoke. Keep away from food and drink. Avoid contact with skin, eyes and clothing. Change working clothes after each work shift. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

Environmental Exposure Controls: Collect all precipitate. Disposal should be in accordance with local, state, international or national legislation. Wear protective clothing and boots suitable for protection from alkaline products. Provide eye wash and safety shower stations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|--|--------------------------------|
| Appearance: | liquid |
| Color: | grey |
| Odor: | characteristic |
| Odor Threshold (ppm): | Not available |
| pH Value: | 10.5 ó 11.5 |
| Melting point/ Freezing point °C: | ca >200°F |
| Boiling Point/range °C: | >200°F |
| Flash point (°C): | Non-combustible/Nonô flammable |
| Vapor Pressure (Pascal): | No data available |
| Density (g/ml): | 1,200 kg/m ³ |
| Solubility in Water: | soluble |
| Solubility (other): | Not determined |

10. STABILITY AND REACTIVITY DATA

Reactivity: stable under normal conditions

Stability: Stable

Possibility of hazardous reactions: Stable under recommended storage conditions.

Conditions to avoid: Protect from frost.

Incompatibility (Materials to Avoid): oxidizing agents, strong acids and strong bases

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, oxides of nitrogen, dense black smoke.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product

Acute oral/toxicity: Remarks: This information is not available.

Acute inhalation toxicity: Remarks: This information is not available.

Acute dermal/toxicity: Remarks: This information is not available.

Skin corrosion/irritation: Remarks: This information is not available.

Serious eye damage/eye irritation: Remarks: This information is not available.

Respiratory or skin sensitization: Remarks: This information is not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish: Remarks: No data available

Toxicity to daphnia and other: Remarks: No data available

Persistence and degradability: Not available

Bioaccumulative potential: No data available

Mobility in soil: Not available

Other adverse effects: No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Water from residues: Do not dispose of waste into sewer. Dispose of in accordance with local regulations. Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packing: Clean container with water. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORTATION INFORMATION

International regulation

UNRTDG: Not regulated as a dangerous good

IATA-DGR: Not regulated as a dangerous good

IMDG-CODE: Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable for product as supplied.

National Regulations

49 CFR: Not regulated as a dangerous good

15. REGULATORY INFORMATION

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with 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 defects, or any other reproductive harm.

OTHER INFORMATION

HMIS RATINGS: Health=2, Flammability=1, Reactivity=0

HMIS HAZARD INDEX: 0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4= SEVERE

The information provided in this 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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. Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This information is for the specific material described only and may not be valid if the material is used in combination with any other materials or in any process. The user is responsible to determine the completeness of the information and suitability for the user's own particular use. The knowledge and belief of the company, the information is accurate and reliable as of the date indicated but the company makes no express or implied warranty of merchantability for the material or the information. The company makes no express or implied warranty of fitness for a purpose for the material or for the information. Users of any chemical should educate themselves on all aspects of its use by independent investigation of current scientific and medical knowledge that the material can be used safely. Both the supplier and manufacturer make no representations and assume no liability for any direct, incidental or consequential damages resulting from its use. Both the supplier and manufacturer make no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This information is for the specific material described only and may not be valid if the material is used in combination with any other materials or in any process. The user is responsible to determine the completeness of the information and suitability for the user's own particular use. Users of any chemical should educate themselves on all

aspects of its use by independent investigation of current scientific and medical knowledge that the material can be used safely. The buyer assumes all responsibility for using and handling the product in accordance with applicable federal, state and local regulations.

List of abbreviations and acronyms that could be, but not necessarily are, used in the safety data sheet:

ACGIH: American Conference of Industrial Hygienists

BEI: Biological Exposure Index

CAS Chemical: Abstracts Service (Division of the American Chemical Society)

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

CMR: Carcinogenic, Mutagenic or Toxic for Reproduction

DOT: Department of Transportation

FG: Food grade

FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

H-statement: Hazard Statement

HMIRC: Hazardous Materials Information Review Commission

HMIS: Hazardous Materials Identification System

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulation by the International Air Transport Association (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI (ICAO): Technical Instructions by the International Civil Aviation Organization

IMDG: International Maritime Code for Dangerous Goods

ISO: International Organization for Standardization

logPow: octanol-water partition coefficient

LCxx: Lethal Concentration, for xx percent of test population

LDxx: Lethal Dose, for xx percent of test population

ICxx: Inhibitory Concentration for xx of a substance

ECxx: Effective Concentration of xx

N.O.S.: Not otherwise specified

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

OECD: Organization for Economic Co-operation and Development

OEL: Occupational Exposure Limit

OSHA: Occupational Safety and Health Administration

P-Statement: Precautionary Statement

PBT: Persistent, Bioaccumulative and Toxic

PMRA: Health Canada Pest Management Regulatory Agency

PPE: Personal Protective Equipment

RTK: Right to Know

SDS: Safety Data Sheet

STEL: Short-term exposure limit

STOT: Specific Target Organ Toxicity

TLV: Threshold Limit Value

TWA: Time-weighted average

VPVB: Very Persistent and Very Bioaccumulative

WEL: Workplace Exposure Level

WHMIS: Workplace Hazardous Materials Information System