



1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identifiers

Product code SSHV-05, SSHV-15, SSHV-30, SSHV-55, SSHV-275
Product name ScaleSolv HV[®]

1.2. Alternate product names None

1.3. Relevant identified uses of the substance or mixture and used advised against

Identified Uses The product is used as a chemical descaler for carbonate-based scale in water systems.

1.4. Details of the supplier of the safety data sheet

Manufacturer WET International
316 Roma Jean Parkway, Streamwood, IL USA 60107
(630) 540-2114

1.5. Emergency telephone number

Emergency phone# Infotrac: (800) 535-5054

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Skin Irritant, Cat 2
Eye Irritant, Cat 2A

2.2. GHS Label elements, including precautionary statements



Pictogram:

Signal Word: Warning

Hazard Statement(s)

Causes Skin Irritation
Causes Serious Eye Irritation

Precautionary Statement(s)

Wash hands thoroughly after handling.
Wear protective gloves and eye/face protection.
If on skin, wash with plenty of water.
If skin irritation occurs, get medical attention.
Take off contaminated clothing and wash it before reuse.



If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

If eye irritation persists, get medical attention.

2.3. Hazards not otherwise classified (HNOC) or not covered by GHS

Scalesolv is a viscous, pungent liquid that is not flammable, combustible, or explosive. It has low dermal toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance/Mixture

| Chemical | CAS No. | Percentage | Classification | Other Limits |
|---|--------------|------------|----------------|--------------|
| Organic acid (Trade secret) 29 CFR 1910.1200 Appendix D | Mixture, N/A | <15 | | |
| Alkylated and methylated quinolines | Mixture, N/A | <1 | | |
| Non-Hazardous Components | N/A | >70 | | |
| Biosoft TA-2 | 61791-26-2 | 5-10 | | |
| | | | | |

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Remove to fresh air and contact a physician if difficulties persist.

Ingestion

If ingested, do not induce vomiting. Dilute by giving large amounts of water. Seek immediate medical attention.

Skin Contact

Flush skin with water for 15 minutes. If irritation persists, seek medical attention.

Eye Contact

Flush eye with water for 15 minutes and seek medical attention if irritation persists.

4.2. Most important symptoms and effects, both acute and delayed

None Known

4.3. Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES



5.1. Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide

5.2. Special hazards arising from the substance or mixture

No data available

5.3. Advice for firefighters

Wear self-contained breathing apparatus for fire fighting if necessary.

5.4. Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes, or clothing. Do not inhale mists. Use normal personal hygiene and housekeeping.

6.2. Environmental precautions

No special environmental precautions required.

6.3. Methods and materials for containment and cleaning up

Spills should be handled immediately by neutralization and dilution of the spilled product by the use of soda ash (sodium carbonate), lime (calcium hydroxide, calcium oxide) with large amounts of water. For an interior (inside a closed space) spill be aware that the use of soda ash and limestone will evolve carbon dioxide and that ample ventilation be provided.

6.4. Reference to other sections

See section 8 and 13 for further information

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

For precautions, see section 6.1

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

See section 3.

8.2. Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection



Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|--|---|
| Appearance | Thick Liquid |
| Odor | Amber liquid and slight odor of quinoline |
| Odor threshold | No data available |
| pH | <1.0 Neat; 2.3-2.8 at 25% solution |
| Melting point/freezing point | No data available |
| Initial boiling point and boiling range | 212°F |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Upper/lower flammability or explosive limits | No data available |
| Vapor pressure | Same as water |
| Vapor density | Same as water |
| Relative density | No data available |
| Water solubility | Complete |
| Partition coefficient: n-octanol/water | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |

10. STABILITY AND REACTIVITY

10.1. Reactivity

This product is stable and nonreactive under normal conditions of use, storage, transport.

10.2. Chemical stability



Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Will not occur

10.4. Conditions to avoid

Extreme temperatures

10.5. Incompatible materials

Avoid alkalis, oxidizers or any reactive material

10.6. Hazardous decomposition products

NO_x, CO_x on combustion

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

None known

Skin corrosion/irritation

High mist concentration can cause irritation.

Serious eye damage/eye irritation

High mist concentration can cause eye irritation.

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

Additional information

No data available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION



12.1. Ecotoxicity (Aquatic and Terrestrial)

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1. Disposal methods

As per Local and Federal Regulations. This material is not a solid waste when discarded into a domestic sewer according to 40 CFR 261.4. For disposal, otherwise consult your Local and Federal Regulations.

14. TRANSPORT INFORMATION

14.1. DOT (U.S. Department of Transportation)

| | |
|----------------------------|---------------|
| UN number | Not Regulated |
| UN proper shipping name | N/A |
| Transport hazard class(es) | N/A |
| Packing group | N/A |
| Reportable Quantity (RQ) | N/A |
| Marine Pollutant | No |
| Poison Inhalation Hazard | No |

14.2. IMDG (International Maritime Dangerous Goods)

| | |
|----------------------------|---------------|
| UN number | Not Regulated |
| UN proper shipping name | N/A |
| Transport hazard class(es) | N/A |
| Packing group | N/A |
| Marine Pollutant | No |

14.3. IATA (International Air Transport Association)

| | |
|----------------------------|---------------|
| UN number | Not Regulated |
| UN proper shipping name | N/A |
| Transport hazard class(es) | N/A |
| Packing group | N/A |



15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/substance specific legislation

CERCLA RQ: Quinoline - 5,000#, Organic Acid (Trade Secret) - 5,000#
TSCA: All ingredients are listed on the TSCA inventory.
Prop 65: Quinoline and its strong acid salts are known to the state of California to cause cancer.
SARA 311/312: Chronic Health Hazard
SARA 313 Chemicals: Quinoline/91-22-5
State Right to Know: Organic acid (Trade secret) 29 CFR 1910.1200
Appendix D/Mixture, N/A, Alkylated and methylated quinolines/Mixture, N/A, Non-Hazardous Components/,
Biosoft TA-2/61791-26-2, /N/A
Other information:

Please consult relevant federal and local regulations for additional details.

16. OTHER INFORMATION

HMIS Rating

| | |
|---------------------|---|
| Health hazard | 1 |
| Flammability | 0 |
| Physical hazard | 1 |
| Personal protection | J |

NFPA Rating

| | |
|-------------------|-----|
| Health hazard | N/A |
| Fire hazard | N/A |
| Reactivity hazard | N/A |
| Specific hazard | N/A |

User's Responsibility:

The information and recommendations contained herein cannot cover all possible situations that the user may experience during processing. Each aspect of your operation should be examined to determine, if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operations.

Disclaimer of Liability:

As the conditions and methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this material. Information contained herein is believed to be true and accurate. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the



information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user.

Preparation Information

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(630) 540-2113

Revision Date: 5/29/2015

Print Date: 8/11/2015