



1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identifiers

Product code SSII-05, SSII-15, SSII-30, SSII-55, SSII-275
Product name ScaleSolv® II

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 non-potable 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) 535-5053

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Skin corrosion/irritation, Cat 2
Eye damage/irritation, 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, eye protection and face protection.
If on skin: Wash with plenty of water/soap. If skin irritation occurs: Get medical advice/attention.
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 advise/attention.
Take off contaminated clothing and wash it before reuse.



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

Scalesolv is a dark, 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(i)	Mixture, N/A	<30	Flammable Liquid, Cat 3 Skin corrosion, Cat 1A Serious eye damage, Cat 1	
HEDP	7414-83-7	<5	Corrosive to metals, Cat 1 Serious eye damage, Cat 1	
Non-Hazardous Components	N/A	>70		

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	Liquid
Odor	Light Amber Liquid
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**

No data available

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

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: Organic Acid (Trade Secret) - 5,000#



TSCA: All ingredients are listed on the TSCA inventory.
Prop 65: N/A
SARA 311/312: N/A
SARA 313 Chemicals: N/A
State Right to Know: Organic acid (Trade secret) 29 CFR 1910.1200(i)/Mixture, N/A, HEDP/7414-83-7, Non-Hazardous Components, /, /, /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.

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Preparation Information

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