



1. PRODUCT AND COMPANY IDENTIFICATION**1.1. Product Identifiers**

Product code	0001
Product name	0.5% w/v Phenolphthalein

1.2. Alternate product names None**1.3. Relevant identified uses of the substance or mixture and used advised against**

Identified Uses	Used as an indicator for acid/base titrations.
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1.4. Details of the supplier of the safety data sheet

Manufacturer	WET International
	316 Roma Jean Parkway, Streamwood, IL USA 60107
	(630) 540-2113

1.5. Emergency telephone number

Emergency phone#	Infotrac: (800) 535-5053
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2. HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Carcinogenicity (Category 2), H351

Reproductive toxicity (Category 2), H361

2.2. GHS Label elements, including precautionary statements

Pictogram:

Signal Word: Warning

Hazard Statement(s)

H351 Suspected of causing cancer.

H361 Suspected of damaging fertility or the unborn child.

Precautionary Statement(s)

P234 Keep only in original container.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.



P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

P363 Wash contaminated clothing before reuse.

P390 Absorb spillage to prevent material damage.

P405 Store locked up.

P406 Store in corrosive resistant stainless steel container with a resistant inner liner.

P501 Dispose of contents/ container to an approved waste disposal plant.

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

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance/Mixture

Chemical	CAS No.	Percentage	Classification	Other Limits
Isopropyl Alcohol	67-63-0	<25%	Flam. Liq. 2; Eye Irrit. 2A; STOT SE 3; H225, H319, H336	ACGIH TLV - 1,000ppm OSHA Occupational Exposure Limits - 1,000ppm NIOSH Recommended Exposure Limits - 1,000ppm
Phenolphthalein	77-09-8	<= 2%	Muta. 2; Carc. 1B; Repr. 2; H341, H350, H361	Included in the Candidate List of Substances of Very High Concern (SVHC) according to the regulation (EC) No. 1907/2006 (REACH).
Propylene glycol	57-55-6	<= 100 %		

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

If inhaled, move person to fresh air. If not breathing, give artificial respiration.

Ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Skin Contact



Wash off with soap and plenty of water.

Eye Contact

Flush eyes with water as a precaution.

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

The most important known symptoms and effects are described in the labeling (section 2) and/or in section 11.

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

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 breathing vapors, mist or gas. For personal protection, see section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains

6.3. Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

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 3

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

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	Clear, colorless liquid
Odor	alcohol-like
Odor threshold	No data available
pH	ca.7
Melting point/freezing point	ca.-35 °C (-31 °F)
Initial boiling point and boiling range	ca.80 °C (176 °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	No data available
Vapor density	No data available
Relative density	No data available
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available



Decomposition temperature	No data available
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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

Vapours may form explosive mixture with air.

10.4. Conditions to avoid

Heat, Flames, sparks

10.5. Incompatible materials

Oxidizing agents, Alkali metals, Strong oxidizing agents, Ammonia, Peroxides

10.6. Hazardous decomposition products

Other decomposition products - No data available

In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute 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.

Germ cell mutagenicity

No data available.

Carcinogenicity

IARC: 2B - Group 2B: Possibly carcinogenic to humans (Phenolphthalein)

NTP: Reasonably anticipated to be a human carcinogen (Phenolphthalein)

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

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

No data available.

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:	No
TSCA:	All ingredients are listed on the TSCA inventory.
Prop 65:	WARNING! Phenolphthalein is known to the State of California to cause cancer.
SARA 311/312:	Acute Health Hazard
SARA 313 Chemicals:	Phenolphthalein/77-09-8
State Right to Know:	Isopropyl Alcohol/67-63-0, Phenolphthalein/77-09-8, Propylene glycol/57-55-6

Please consult relevant federal and local regulations for additional details.

16. OTHER INFORMATION**HMIS Rating**

Health hazard	2
Flammability	3
Physical hazard	0
Personal protection	

NFPA Rating

Health hazard	2
Fire hazard	3
Reactivity hazard	0
Specific hazard	0

Preparation Information

WET International



CHEMICAL CO.

SAFETY DATA SHEET
Revision date: 5/27/2015
Print date: 5/28/2015

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