

DRI-PAK LIMITED

SAFETY DATA SHEET in accordance with Regulation (EC) 1907/2006 and Regulation (EU) 2015/830

Product: **EXTRA STRENGTH WHITE VINEGAR**

MSDS 17/08E/D

Version 2

Date compiled March 2016

Revision 1

Date revised February 2022

Page 1 of 5

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product Identifier**Product Name **Extra strength White Vinegar**

Chemical Name Acetic acid (6% aqueous solution).

CAS Number 64-19-7 (acetic acid)

EC Number 200-580-7 (acetic acid)

Index Number 607-002-00-6 (acetic acid)

REACH Registration number of acetic acid 01-2119475328-30

1.2 Relevant identified uses of the substance/mixture and uses advised against
Surface cleaner.

1.2.1 Uses advised against Do not use on frosted glass or leaded windows. Do not apply to metal plated surfaces. Do not use on natural limestone or marble.

1.3 Details of the supplier of the safety data sheet

Company Details	Dri-Pak Limited, Furnace Road, Ilkeston, Derbyshire, DE7 5EP
Telephone	0115 9 325165
Fax	0115 9 440297
E-mail address	grahamr@dripak.co.uk

1.4 Emergency Telephone NumberEmergency Number 07511163160

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**2.1.1 Classification according to Regulation (EC) 1272/2008,
Not classified as for supply**2.2 Label elements**

2.2.1 Labelling according to Regulation (EC) 1272/2008

Acetic acid 6%.

No other special labelling identified.

2.3 Other hazardsThis product does not contain any PBT or vPvB substances.
No other hazards identified.

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1/2 Substance/Mixture**

An aqueous solution of acetic acid (6%) made by diluting 80% aqueous acetic acid.

3.2.1/2 Hazardous component in unclassified mixture

Main constituent	Formula	CAS No	EC No
Acetic acid (80%)	CH ₃ COOH	64-19-7	200-580-7
Classification (EC 1272/2008)		Hazard Class	Hazard Statements
Acetic acid (80%)		GHS02,GHS05	H226,H314

3.2.3 Other hazardous components in mixture

None identified.

The full texts of all Hazard Statements are displayed in Section 16.

DRI-PAK LIMITED

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MSDS 17/08E/D

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Page 2 of 5

4. FIRST AID MEASURES**4.1 Description of first aid measures**

- 4.1.1 General advice Take off all contaminated clothing. No known delayed effects.
- Inhalation Move to fresh air, keep warm and at rest. If symptoms persist seek medical advice.
- Skin contact Remove contaminated clothing. Wash the skin with plenty of water. Obtain medical attention if symptoms, e.g. redness or irritation, develop.
- Eye contact Remove contact lenses if present. The eye should be thoroughly irrigated with clean water for not less than 15 minutes. Obtain medical attention if symptoms develop.
- Ingestion Wash out mouth with water and give plenty of water to drink. Do not induce vomiting. If patient feels unwell obtain medical attention.
- Further Medical Treatment Symptomatic treatment and supportive therapy as indicated.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: Irritation may occur.

Eye contact: Redness or irritation may occur.

Ingestion: May cause coughing.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE FIGHTING MEASURES**5.1 Extinguishing media**

Non-combustible although packaging may burn.

5.1.1 Suitable extinguishing media

Use extinguisher suitable for surrounding fire conditions.

5.1.2 Unsuitable extinguishing media

No further information available.

5.2 Special hazards arising from the substance or mixture

No further information available.

5.3 Advice for fire fighters

No special precautions required.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1 For non emergency personnel**

Small quantities may be mopped up and washed away using plenty of water. Avoid contact with skin and eyes.

6.1.2 For emergency responders

In the event of accidental release of bulk liquid wear suitable gloves and eye/face protection. Absorb with liquid binding materials. The product can then be transferred to containers for disposal according to local legislation. The affected area can be cleaned with plenty of water. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

6.2 Environmental precautions

Refer to Section 12.

6.3 Methods and material for containment and cleaning up

Refer to 6.1 above.

6.4 Reference to other sections

For personal protection see Section 8.

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Product: **EXTRA STRENGTH WHITE VINEGAR**

MSDS 17/08E/D

Version 2

Date compiled March 2016

Revision 1

Date revised February 2022

Page 3 of 5

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Users with sensitive skin should wear gloves. Wash promptly with soap and water if skin becomes contaminated. Avoid contact with eyes.

7.2 Conditions for safe storage, including any incompatibles

Store in a cool well-ventilated place in the original closed containers. Keep out of reach of children.

7.3 Specific end use(s)

Refer to label on container.

8. EXPOSURE CONTROLS /PERSONAL PROTECTION**8.1 Control parameters**

No specific details available.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

None should be necessary.

8.2.2 Personal protective equipment Respiratory

protection No special precautions. Eye

protection Avoid contact with eyes.

Skin protection

Gloves are recommended for people with sensitive or damaged skin. Avoid prolonged contact with skin. Rinse hands after use.

Industrial Hygiene

Normal standards of industrial hygiene should be observed.

Disposal

Empty container thoroughly before disposal, Rinse empty container with water and recycle where possible.

8.2.3 Environmental exposure controls

Normal standards of care should be observed.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance

colourless liquid

Odour

smell of vinegar

Odour threshold

currently not available

pH

2.0-2.4

Melting point/Freezing Point

about 0 deg C

Initial boiling point and boiling point range

about 100 deg C

Flash point

not applicable at this dilution

Evaporation rate

currently not available

Flammability (solid, gas)

does not ignite

Upper flammability or explosive limits

currently not available

Vapour pressure

currently not available

Vapour density

currently not available

Relative density (bulk density)

1.008approx.

Solubility(ies)

miscible with water

Partition coefficient: n-octanol/water

currently not available

Autoignition temperature

does not burn

Decomposition temperature

currently not available

Viscosity

similar to water

Explosive properties

not explosive

Oxidising properties

not an oxidising product

9.2 Other information

No other information available.

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Product: **EXTRA STRENGTH WHITE VINEGAR**

MSDS 17/08E/D

Version 2

Date compiled March 2016

Revision 1

Date revised February 2022

Page 4 of 5

10. STABILITY AND REACTIVITY

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|------|---|-----------------------------|
| 10.1 | <u>Reactivity</u> | Weak acid. |
| 10.2 | <u>Chemical stability</u> | Stable. |
| 10.3 | <u>Possibility of hazardous reactions</u> | None likely in normal use. |
| 10.4 | <u>Conditions to avoid</u> | Strong heat. |
| 10.5 | <u>Incompatible materials</u> | Metal surfaces, carbonates. |
| 10.6 | <u>Hazardous decomposition products</u> | None. |
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11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

No specific information available.

Inhalation Not a likely hazard.

Skin contact May cause irritation to sensitive skin on prolonged use.

Eye contact May cause redness and some irritation.

Ingestion Very large doses may result in a burning sensation in the mouth and throat and possibly nausea and vomiting.

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

No specific information available.

12.2 Persistence and degradability

Biodegradable.

12.3 Bioaccumulative potential

No bioaccumulation expected.

12.4 Mobility in soil

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

No environmental hazard is likely provided the product is handled and disposed of with due care in accordance with normal household practice on following the instructions on the label.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Disposal should be in accordance with local, county or national legislation. Small quantities may be washed away using plenty of water. Dispose of contents by using as per directions for use. Rinse empty container and recycle where possible.

14. TRANSPORT INFORMATION

In its normal packaging this product is not classified as hazardous for transport.

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MSDS 17/08E/D

Version 2

Date compiled March 2016

Revision 1

Date revised February 2022

Page 5 of 5

15 REGULATORY INFORMATION**15.1 Safety, health and and environmental regulations/legislation specific for the substance or mixture**

Health, safety and environmental details to be shown on label. Ref. Regulation (EC) 1272/2008.

Refer to Section 2.

15.2 Chemical safety assessment

No chemical safety assessment has been undertaken on acetic acid (80%) according to our supplier.

Acetic acid is included in the list of harmonised classification and labelling of hazardous substances.

16. OTHER INFORMATION

Changes made to revision 0: None

Revision 1: content reviewed : sole change: new MSDS code inserted.

List of relevant Hazard Classes and Hazard Statements referred to in Sections 2 and 3 for 80% acetic acid.

GHS02 Flammable liquids hazard categories 1,2,3 category 3

GHS05 Skin corrosion, hazard category 1B

Hazard Statement H314 Causes severe skin burns and eye damage.

Abbreviations and acronyms

PBT Persistent, Bioaccumulative, Toxic

vPvB very Persistent, very Bioaccumulative

The product information in this Data Sheet is, to the best of Dri-Pak's knowledge, correct as at the date of publication. No warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself/herself that the product is suitable for his/her purpose.
