



# MATERIAL SAFETY DATA SHEET

27<sup>TH</sup> November, 2012

## WHITE VINEGAR

### SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

**Product/Material:** **WHITE VINEGAR**  
**Supplier:** R.K. & J. Jones Limited  
**Address:** Southery Road, Feltwell  
 Thetford, Norfolk, IP26 4EH, UK.  
**Telephone:** 01842 828101

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Not regarded as a health or environmental hazard under current legislation.

**HUMAN HEALTH:** May cause minor irritation on eye contact.

### SECTION 3: HAZARDS IDENTIFICATION

Name	EC No.	CAS No.	Content	Classification
(ETHANOIC) ACETIC ACID PURE	200-580-7	64-02-8	1-12%	Xi, R36/R38

### SECTION 4: FIRST AID MEASURES

**GENERAL INFORMATION** Not expected to be a health hazard when used under normal conditions.

**Inhalation:** Rinse nose and mouth with water. Get medical attention if any discomfort continues.

**Ingestion:** Rinse mouth thoroughly. Get medical attention if any discomfort continues. Contact doctor if large quantities have been consumed. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS.

**Skin:** Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

**Eyes:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

### SECTION 5 : FIRE FIGHTING MEASURES

**Extinguishing Media:** This product is not flammable. Use fire extinguishing media appropriate for surrounding materials.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Spill Clean Up Methods:** Stop leak if possible without risk. Flush with plenty of water to clean spillage area.

**SECTION 7 : HANDLING AND STORAGE**

- Usage Precautions:** Observe good chemical hygiene practices. Avoid spilling, skin and eye contact.
- Storage Precautions:** Keep in original container. Store in closed original container at temperatures between 5°C and 40°C.

**SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Protective Equipment:**
- Engineering Measures:** Provide adequate ventilation..
- Respiratory Equipment:** No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
- Hand Protection:** Gloves are recommended for prolonged use.
- Eye Protection:** None required when product is used as instructed.
- Other Protection:** Wear appropriate clothing to prevent repeated or prolonged skin contact.
- Hygienic Work Routines:** No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke. Wash hands after handling.

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES.**

- Appearance:** Clear liquid
- Odour:** Characteristic
- Boiling Point:** 100 Deg C.
- Solubility:** Completely soluble in water
- Relative Density:** ~1.010 g/ml@20°C
- Flash Point:** >120°C CC (closed cup)

**SECTION 10 : STABILITY AND REACTIVITY**

- Stability:** Stable under normal temperature conditions.
- Conditions to avoid:** Avoid excessive heat for prolonged periods of time.
- Hazardous Polymerisation:** Will not polymerise.
- Hazardous Decomposition:** Fire creates:: Carbon Monoxide (CO) Carbon Dioxide (CO2)  
**Products**

**SECTION 11: TOXICOLOGICAL INFORMATION**

- Inhalation:** Not relevant at normal room temperatures. When heated, irritating vapours may be formed.
- Ingestion:** May cause discomfort if swallowed.
- Skin Contact:** Skin irritation is not anticipated when used normally.
- Eye contact:** Spray and vapour in the eyes may cause irritation and smarting.

**SECTION 12 : ECOLOGICAL INFORMATION**

- Ecotoxicity:** Not regarded as dangerous for the environment.  
LC50, 96 hours. FISH mg/1 >1000
- Mobility:** The product is soluble in water.
- Bioaccumulation:** The product is not bioaccumulating.

**Degradability:** The product is biodegradable.  
**Water Hazard Classification:** N/A

### SECTION 13: DISPOSAL CONSIDERATIONS

**General Information:** The packaging should be collected for reuse.  
**Disposal Methods:** Dispose of waste and residues in accordance with local authority requirements.

### SECTION 14 : TRANSPORT INFORMATION

**General:** The product is not covered by international regulation on the transport of dangerous goods. (IMDG, IATA, ADR/RID) No transport warning sign required.  
**Road Transport Notes:** Not Classified.  
**Rail Transport Notes:** Not Classified.  
**Sea Transport Notes:** Not Classified.  
**Air Transport Notes:** Not Classified.

### SECTION 15 : REGULATORY INFORMATION

**Risk Phrases:** NC Not Classified  
**Safety Phrases:** NC Not Classified  
**Detergent Labelling:** NC Not Classified  
**Environmental Listing:** Control of pollution (special waste regulations) Act 1980

#### EU Directives:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

#### Statutory Instruments:

Chemicals (Hazard Information and Packaging) Regulations.

#### Approved Code of Practice:

Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### Guidance Notes:

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG (108)

### SECTION 16 : OTHER HEALTH AND SAFETY INFORMATION

**Safety Data Sheet Status:** Approved.

**Date:** April 2012

#### **Disclaimer:**

This information 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use.

**Note:** The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act, 1974; the control of Substances Hazardous to Health Regulations, 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.