



SAFETY DATA SHEET TOLETTE

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name TOLETTE
Internal Id C520

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

Identified uses Detergent.

1.3. Details of the supplier of the safety data sheet

Supplier	ARROW SOLUTIONS RAWDON ROAD MOIRA SWADLINCOTE DERBYSHIRE DE12 6DA TEL: +44 (0)1283 221044 EMERGENCY: +44 (0) 777 8505 330 FAX: +44 (0)1283 225731 sales@arrowchem.com
Manufacturer	ARROW SOLUTIONS RAWDON ROAD MOIRA SWADLINCOTE DERBYSHIRE DE12 6DA TEL: +44 (0)1283 221044 EMERGENCY: +44 (0) 777 8505 330 FAX: +44 (0)1283 225731 sales@arrowchem.com

1.4. Emergency telephone number

Tel. 01283 221044 Fax. 01283 550621

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)	Physical and Chemical Hazards	Not classified.
	Human health	Skin Irrit. 2 - H315; Eye Irrit. 2 - H319
	Environment	Not classified.
Classification (1999/45/EEC)	Xi; R36/38.	

2.2. Label elements

Detergent Labelling:
< 5% anionic surfactants
perfumes

Label In Accordance With (EC) No. 1272/2008
Not classified.

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Signal Word	Warning	
Hazard Statements	H315	Causes skin irritation.
	H319	Causes serious eye irritation.
Precautionary Statements	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P313	Get medical advice/attention.
Supplementary Precautionary Statements	P264	Wash ... thoroughly after handling.
	P302+352	IF ON SKIN: Wash with plenty of soap and water.
	P321	Specific treatment (see ... on this label).
	P332+313	If skin irritation occurs: Get medical advice/attention.
	P337	If eye irritation persists:
	P362	Take off contaminated clothing and wash before reuse.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

PHOSPHORIC ACID ...%	10-30%
CAS-No.: 7664-38-2	EC No.: 231-633-2
Classification (EC 1272/2008) Skin Corr. 1B - H314	Classification (67/548/EEC) C;R34

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Rinse mouth thoroughly. DO NOT INDUCE VOMITING! Get medical attention.

Skin contact

Rinse the skin immediately with lots of water. Get medical attention if irritation persists after washing.

Eye contact

Rinse the eye with water immediately. Get medical attention if any discomfort continues.

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

Inhalation.

Upper respiratory irritation.

Ingestion

May cause discomfort if swallowed.

Skin contact

Skin irritation.

Eye contact

Irritation of eyes and mucous membranes.

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

No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

The product is non-combustible.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

When heated, vapours/gases hazardous to health may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Collect and dispose of spillage as indicated in section 13.

6.3. Methods and material for containment and cleaning up

Absorb with inert, damp, non-combustible material, then flush area with water.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PHOSPHORIC ACID ...%	WEL		1 mg/m ³		2 mg/m ³	

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment



Hand protection

For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Rubber, neoprene or PVC.

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Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Viscous Liquid
Colour	Blue.
Solubility	Soluble in water.
Initial boiling point and boiling range	100
Relative density	1.070±0.01 @ 25°C
pH-Value, Conc. Solution	1.00-2.00
Viscosity	400.00 cps @ 20°C

9.2. Other information

Not determined.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Exothermic reaction with: Alkalis.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

Reacts violently with strong oxidising substances. Avoid contact with strong oxidisers. Reacts with alkalis and generates heat.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong alkalis.

10.6. Hazardous decomposition products

Fire or high temperatures create: Phosphoric acid mist. Sulphurous gases (SO_x).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Medical Symptoms

EYES AND MUCOUS MEMBRANES. Irritation of eyes and mucous membranes. Burning sensation in mouth. SKIN. Skin irritation. DIGESTIVE SYSTEM. Gastrointestinal symptoms, including upset stomach.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product is not expected to be hazardous to the environment.

12.1. Toxicity

Acute Fish Toxicity

Not considered toxic to fish.

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

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Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

The packaging must be empty (drop-free, when inverted).

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN) 1760

14.2. UN proper shipping name

Proper Shipping Name CORROSIVE LIQUID N.O.S. (PHOSPHORIC ACID)

14.3. Transport hazard class(es)

ADR/RID/ADN Class 8
ADR/RID/ADN Class Class 8: Corrosive substances.
IMDG Class 8
ICAO Class/Division 8
Transport Labels



14.4. Packing group

ADR/RID/ADN Packing group III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

Tunnel Restriction Code (E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC

Code

Not relevant

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Guidance Notes

Workplace Exposure Limits EH40.

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15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date 02/02/12

Revision 2

Date 23/12/08

Risk Phrases In Full

R34 Causes burns.

Hazard Statements In Full

H314 Causes severe skin burns and eye damage.

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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.