



SAFETY DATA SHEET

ACETYLSALICYLIC ACID

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: ACETYLSALICYLIC ACID
CHEMICAL NAME 2: o-ACETYLSALICYLIC ACID
PART No.: RM006
SYNONYMS, TRADE NAMES: Aspirin
SUPPLIER: J M Loveridge plc
Southbrook Road, Southampton
Hampshire
SO15 1BH
Tel: 023 8022 2008
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2. COMPOSITION/INFORMATION ON INGREDIENTS:

CAS No.: 50-78-2

3. HAZARDS IDENTIFICATION:

Harmful if swallowed.

4. FIRST AID MEASURES:

GENERAL: IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION
INHALATION: Move affected person to fresh air. If recovery not rapid, seek medical attention.
INGESTION: Only if the person is fully conscious try to induce vomiting. Seek medical attention immediately! Show this sheet, packaging or label.
SKIN: Remove contaminated clothing. Wash affected area with plenty of soap and water. If irritation persists, seek medical attention.
EYES: Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Water spray. Carbon dioxide (CO₂).

SPECIAL FIRE FIGHTING PROCEDURES:	Take measures to retain water used for extinguishing. Do not release contaminated water into drains, soil and surface water. Dispose of contaminated water and soil according to local regulations.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Finely divided material can cause dust explosion.
HAZARDOUS COMBUSTION PRODUCTS:	Burning may release oxides of carbon and other hazardous gases or vapours.
PROTECTIVE MEASURES IN FIRE:	Fire fighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTION IN SPILL:	Avoid breathing dust. Avoid direct contact with skin, eyes and clothing. Wear appropriate protective clothing.
PRECAUTIONS TO PROTECT ENVIRONMENT:	Prevent contamination of soil, drains and surface water.
SPILL CLEANUP METHODS:	Vacuum or wet-sweep and place into a suitable closable, labelled container for disposal. Avoid dry sweeping or other methods which raise dust. Wash the area clean with water and detergent, observing environmental requirements.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:	HANDLING - Product should be used in accordance with good industrial principles for handling and storing of hazardous chemicals. Minimise creation of air-borne dust by application of good occupational hygiene principles, appropriate control measures and extraction techniques.
STORAGE PRECAUTIONS:	Store in a cool, dry, well ventilated place, in securely closed original container.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
ACETYLSALICYLIC ACID	50-78-2	OES	5 mg/m ³	

PROCESS CONDITIONS:	Use engineering controls to reduce air contamination to permissible exposure level.
RESPIRATORS:	If unable to control dust emissions below OES limits, an approved dust protection to P2 level of protection is recommended.
PROTECTIVE GLOVES:	Use imperious gloves made of butyl rubber or polyethylene.
EYE PROTECTION:	Use approved safety goggles or face shield.
OTHER PROTECTION:	Wear personal protective equipment appropriate to the quantity of material handled.
HYGIENIC WORK PRACTICES:	SKIN PROTECTION - apply barrier cream to hands and exposed skin. Regularly vacuum dust to minimise the potential of air-borne exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	White crystalline powder.
MELT/FREEZ. POINT (°C, interval):	mp 136

SOLUBILITY DESCRIPTION:	Soluble in: Ethanol. Chloroform. Ether. Methanol.
SOLUBILITY VALUE (g/100g H₂O 20°C):	0.3
DECOMPOSITION TEMP. (°C):	140
AUTO IGNITION TEMP. (°C):	490
FLAMMABILITY LIMIT - LOWER (%):	15g/m ³ (as dust)

10. STABILITY AND REACTIVITY:

STABILITY:	Stable under normal conditions of use.
CONDITIONS TO AVOID:	Risk of dust ignition in air.
MATERIALS TO AVOID:	Strong acids. Alkalis, bases and oxidising agents.
HAZARDOUS DECOMP. PRODUCTS:	Thermal decomposition or burning may release oxides of carbon and other hazardous gases or vapours.

11. TOXICOLOGICAL INFORMATION:

Toxicological data	Acute toxicity. LD50. Oral. Rat. 1010 mg/kg
INHALATION:	Irritating to the respiratory system.
INGESTION:	Ingestion may cause mucous membranes to bleed.
EYES:	Ocular application moderately irritating. (rabbit)

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	No specific data or information available regarding environmental impact. Avoid release to the environment.
BIO ACCUMULATION:	Not expected to bio-accumulate.
DEGRADABILITY:	Potentially biodegradable.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	This material and/or its container must be disposed of as hazardous waste according to Special Waste Regulations 1996 or according to local regulations, in compliance with Duty of Care Regulations and Special Waste Regulations.
WASTE CLASS:	WASTE CODE: 0705** HAZARDOUS PROPERTY: H5

14. TRANSPORT INFORMATION:

GENERAL: Not classified as hazardous for transport.

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES: R-22 Harmful if swallowed.

SAFETY PHRASES: S-22 Do not breathe dust.
S-46 If swallowed seek medical advice immediately and show this container label.

UK REGULATORY REFERENCES: Classification, Packaging and Labelling Regulations 1984. Chemicals (Hazard Information & Packaging) Regulations 1993.

16. OTHER INFORMATION:

INFORMATION SOURCES: This product has been classified in accordance with CHIP3 regulations.

REVISION COMMENTS: Edition 01; Revised item(s):

ISSUED BY: MK

SDS No.: 007

DATE: 12/07/02

DISCLAIMER: The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this Data Sheet is to the best of JMLs knowledge correct at the time of publication. Customers should always satisfy themselves, that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulations. For any further information, please contact the supplier.