

METHYL ORANGE

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MATERIAL SAFETY DATA SHEET No.M620 GHS VERSION 5 03.12.25

SECTION 1. CHEMICAL IDENTIFICATION

1.1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

PRODUCT No.M6202 NAME: METHYL ORANGE

1.2 USE OF THE SUBSTANCE/ PREPARATION

FOR LABORATORY UTILISATION, ANALYSIS, RESEARCH AND FINE CHEMISTRY.

1.3 IDENTIFICATION OF THE COMPANY OR FIRM

COMPANY SURECHEM PRODUCTS LIMITED
LION BARN INDUSTRIAL ESTATE
NEEDHAM MARKET
SUFFOLK IP6 8NZ
UNITED KINGDOM
TEL: +44 (0) 1449 722143
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1.4 EMERGENCY TELEPHONE +44 1449 722143

SECTION 2. HAZARDS IDENTIFICATION

GHS LABEL ELEMENTS



DANGER

H301: TOXIC IF SWALLOWED.

P301+P310: IF SWALLOWED: IMMEDIATELY CALL A POISON CENTRE OR DOCTOR/
PHYSICIAN.

P501: DISPOSE OF CONTENTS/ CONTAINER ACCORDING TO DIRECTIVE 94/62/CE OR
2008/98/CE.

SECTION 3.**COMPOSITION/INFORMATION ON INGREDIENTS**

CAS No.547-58-0 METHYL ORANGE 100%
REACH NUMBER NOT YET AVAILABLE
MF: C14H14N3NaO3S
SYNONYMS
C.I. 13025 * C.I. ACID ORANGE 52
DIMETHYLAMINOAZOBENZENE-4'-SULPHONIC ACID SODIUM SALT
ORANGE III

SECTION 4.**FIRST-AID MEASURES**

- 4.1 GENERAL INDICATIONS
NEVER PROVIDE DRINK OR INDUCE VOMITING IN THE EVENT OF LOSS OF CONSCIOUSNESS.
- 4.2 INHALATION
MOVE PERSON TO FRESH AIR.
- 4.3 CONTACT WITH THE SKIN
WASH WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING.
- 4.4 EYES
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.
- 4.5 SWALLOWING
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
CALL A PHYSICIAN.

SECTION 5.**FIRE FIGHTING MEASURES**

- 5.1 EXTINGUISHING MEDIA
WATER SPRAY, FOAM, DRY CHEMICAL.
- 5.2 FIRE-FIGHTING MEANS WHICH MUST NOT BE USED
NO SPECIFIC DATA
- 5.3 SPECIAL RISKS
COMBUSTION MAY PRODUCE OXIDES OF CARBON, NITROGEN AND SODIUM.
- 5.4 PROTECTIVE EQUIPMENT
SUITABLE CLOTHING AND FOOTWEAR

SECTION 6.**ACCIDENTAL RELEASE MEASURES**

- 6.1 INDIVIDUAL PRECAUTIONS
DO NOT INHALE THE DUST.
- 6.2 PRECAUTIONS FOR CARE OF THE ENVIRONMENT
AVOID POLLUTION OF THE SOIL, WATER SUPPLIES AND DRAINS.
- 6.3 METHODS FOR COLLECTION / CLEANING
COLLECT UP AND DEPOSIT IN WASTE CONTAINERS FOR DISPOSAL.
CHEMICAL SAFETY GOGGLES.
USE PROTECTIVE CLOTHING, GLOVES AND MASK.

SECTION 7.**HANDLING AND STORAGE**

- 7.1 HANDLING
NO SPECIAL REQUIREMENTS.
- 7.2 STORAGE
KEEP CONTAINER TIGHTLY CLOSED.
STORE IN A COOL DRY PLACE.

SECTION 8.**EXPOSURE CONTROL/ PERSONAL PROTECTION**

- 8.1 TECHNICAL PROTECTIVE MEASURES
DO NOT INHALE DUST.
- 8.2 EXPOSURE LIMIT CONTROL
NOT YET AVAILABLE
- 8.3 RESPIRATORY PROTECTION
IF DUST FORMS, USE SUITABLE RESPIRATORY PROTECTION.
- 8.4 HAND PROTECTION
USE SUITABLE GLOVES
- 8.5 EYE PROTECTION
USE CHEMICAL SAFETY GOGGLES.
- 8.6 INDIVIDUAL HYGIENE MEASURES
REMOVE CONTAMINATED CLOTHING. WASH HANDS.
CHEMICAL SAFETY GOGGLES.
COMPATIBLE CHEMICAL-RESISTANT GLOVES.
SAFETY SHOWER AND EYE BATH.
WASH THOROUGHLY AFTER HANDLING.
CHEMICAL SAFETY GOGGLES.

SECTION 9.**PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR
ORANGE POWDER
MELTING POINT: >300 C

SECTION 10.**STABILITY AND REACTIVITY**

- 10.1 CONDITIONS WHICH SHOULD BE AVOIDED
STABLE AT ROOM TEMPERATURE
- 10.2 MATTER WHICH SHOULD BE AVOIDED
STRONG OXIDISING AGENTS.
- 10.3 HAZARDOUS DECOMPOSITION PRODUCTS
COMBUSTION MAY PRODUCE OXIDES OF CARBON, NITROGEN AND SODIUM.
- 10.4 COMPLEMENTARY INFORMATION
NO SPECIFIC DATA

SECTION 11.**TOXICOLOGICAL INFORMATION**

- 11.1 ACUTE TOXICITY
MAY BE HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.
MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION.
- 11.2 DANGEROUS EFFECTS FOR HEALTH
TOXICITY DATA
ORL-RAT LD50: 60MG/KG
IPR-MUS LD50:101 MG/KG
PMRSDJ 1,682,81

SECTION 12.**ECOLOGICAL INFORMATION**

- 12.1 TOXICITY
ECOTOXIC DATA NOT AVAILABLE
- 12.2 PERSISTENCE AND DEGRADABILITY
DATA NOT YET AVAILABLE.
- 12.3 BIOACCUMULATIVE POTENTIAL
DATA NOT AVAILABLE
- 12.4 MOBILITY IN SOIL

DATA NOT AVAILABLE
12.5 ASSESSMENT PBT AND MPMB
DOES NOT MEET PBT/ vPvB CRITERA
12.6 OTHER EFFECTS ON THE ENVIRONMENT
NO ECOLOGICAL PROBLEMS ANTICIPATED IN VIEW OF THE SMALL QUANTITIES PRODUCED.

SECTION 13. DISPOSAL CONSIDERATIONS

USE AN AUTHORISED WASTE CONTRACTOR.
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. TRANSPORT INFORMATION

UN 3143, CLASS 6.1 PACKING GROUP III

SECTION 15. REGULATORY INFORMATION

GHS LABEL ELEMENTS



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SECTION 16. OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO
BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. SURECHEM PRODUCTS SHALL
NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT
WITH THE ABOVE PRODUCT. SEE CATALOGUE FOR ADDITIONAL TERMS AND CONDITIONS OF
SALE.

GHS VERSION 5 NGT 03.12.25 REPLACES GHS VERSION 4a DATED 13.05.20 WHICH REPLACED
GHS VERSION 4 NGT 06.01.17 REPLACES GHS VERSION 3 DATED 18.11.13 WHICH REPLACED
DSK VERSION 2 DATED 20.04.04

BASED ON FAS, UPDATED TO GHS WITH CAERNAP
VERSION 4 REFORMATTED BUT NO SIGNIFICANT CHANGES.
SECTION 3 EXPANDED FOR VERSION 4a
MINOR ALTERATIONS FOR VERSION 5 BASED ON CD