
MATERIAL SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name: Indicator Solution No. 9

SCREENED METHYL ORANGE XYLENE CYANOL soln

- IS09
- 125733175

Brand: Solmedia Ltd

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

Identified uses: Test reagent

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Solmedia Ltd.
- Address of Supplier: Unit 2, Vernon Drive
Battlefield Enterprise Park
Shrewsbury
SY1 3TF
UK
- Telephone: 0844 80 80 900
- Email: labsupplies@solmedialtd.com

1.4 Emergency telephone number

Emergency Phone # +44 (0)844 80 80 900

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture



GHS02

Flammable liquid 2 H225

Highly flammable liquid and vapour



GHS08 Health hazard

STOT SE2 H371 May cause damage to the eyes and brain. Route of exposure; oral and inhalative, dermal.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008. The product is classified and labelled according to the CLP regulation.

Signal word: Danger.



GHS02 GHS08

Hazard Statements:

H225 highly flammable liquid and vapour

H371 may cause damage to the eyes and brain. Route of exposure; oral and inhalative, dermal.

Precautionary Statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 If ON SKIN (or hair): take off immediately all contaminated clothing. Rinse skin with water/shower.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

This product is not identified as a PBT substance.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

METHYL ORANGE 0.2%

XYLENE CYANOL FF 0.28%

METHYLATED SPIRITS ind. 50% v/v

Water 50% v/v

SECTION 4: First aid measures

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.

ASSURE ADEQUATE FLUSHING OF THE EYES BY SEPARATING THE EYELIDS WITH FINGERS.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5: Firefighting measures

5.1 Extinguishing media

CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM. SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.

WARNING: FLAMMABLE LIQUID.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND FLASH BACK.

SECTION 6: Accidental release measures

SHUT OFF ALL SOURCES OF IGNITION. EVACUATE AREA.

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES. ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL.

USE NONSPARKING TOOLS.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7: Handling and storage

KEEP TIGHTLY CLOSED.

KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME.

STORE IN A COOL DRY PLACE.

SECTION 8: Exposure controls/personal protection

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

USE ONLY IN A CHEMICAL FUME HOOD. SAFETY SHOWER AND EYE BATH.

DO NOT BREATHE VAPOR.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID PROLONGED OR REPEATED EXPOSURE.

WASH THOROUGHLY AFTER HANDLING.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

APPEARANCE AND ODOR CLEAR GREEN OR GREY OR MAGENTA LIQUID

FLASHPOINT 76 F BY:

SPECIFIC GRAVITY: 0.918

SECTION 10: Stability and reactivity

INCOMPATIBILITIES

OXIDIZING AGENTS PEROXIDES ACIDS ACID CHLORIDES ACID ANHYDRIDES ALKALI METALS AMMONIA

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS TOXIC FUMES OF: CARBON MONOXIDE, CARBON DIOXIDE

SECTION 11: Toxicological information

11.1 Information on toxicological effects

ACUTE EFFECTS MAY BE FATAL IF INHALED, SWALLOWED, OR ABSORBED THROUGH SKIN. VAPOR OR MIST IS IRRITATING TO THE EYES, MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

CAUSES SKIN IRRITATION.

EXPOSURE CAN CAUSE: DAMAGE TO THE EYES, NAUSEA, DIZZINESS AND HEADACHE CAN CAUSE CNS DEPRESSION.

CHRONIC EFFECTS

DAMAGE TO THE LIVER

DAMAGE TO THE HEART DAMAGE TO THE KIDNEYS TARGET ORGAN(S): EYES LIVER, KIDNEYS

NERVES ADDITIONAL INFORMATION WARNING: CONTAINS METHANOL.

MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED.

CANNOT BE MADE NONPOISONOUS. TARGET ORGAN DATA GASTROINTESTINAL (GASTRITIS) GASTROINTESTINAL (NAUSEA OR VOMITING) KIDNEY, URETER, BLADDER (OTHER CHANGES IN URINE COMPOSITION) ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE.

SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

SECTION 12: Ecological information

SLIGHTLY TOXIC TO AQUATIC SPECIES.

13.1 Waste treatment methods

Disposal operations:

Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging

Arrange for collection by specialised disposal company.

NB: the user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

14.1 UN number

ADR, IMDG, IATA UN1170

14.2 UN Proper shipping name

1170 ethanol solution

14.3 Transport hazard classes

Class 3 (F1) Flammable liquids

Packaging group:

II

14.5 Environmental hazards

Marine pollutant: No

14.6 Special precautions for user

Warning flammable liquids

Kemler Number: 33

EMS number: F,-E,S-D

Transport additional information:

ADR

Excepted Quantities (EQ) E2

Limited Quantities (LQ) 1L

Transport Category 2

Tunnel Restriction Code D/E

SECTION 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006 as amended by Regulation (EU) 2015/830.

Water hazard class (WGK): strongly hazardous to water (WGK 3)

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Further 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. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Solmedia Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.