Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

Product identifier:
Product name: Methyl red
Product code (SDS NO): 5054E-1

Details of the supplier of the safety data sheet
Manufacturer/Supplier: KISHIDA CHEMICAL CO., LTD.
Address: 14–10, Technopark, Sanda–shi, HYOGO 669–1339, JAPAN (Sanda factory)
Division: Safety Management Dept. of Chemicals
Telephone number: 079–568–1531
FAX: 079–568–1644
e–mail address: kagakuhinanzenkanri@kishida.co.jp

2. Hazards identification

GHS classification and label elements of the product
Classification of the substance or mixture
(Note) GHS classification without description: Not applicable/Out of classification/Not classifiable

3. Composition/information on ingredients

Mixture/Substance selection:
Substance
Ingredient name: Methyl Red
Content(%):-
Chemical formula: (CH₃)₂N:C₆H₄N::NC₆H₄COOH
CAS No.: 493–52–7
MW: 269.3
ECNO: 207–776–1

4. First-aid measures

Descriptions of first-aid measures
IF INHALED
Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN (or hair)
Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation or rash occurs: Get medical advice/attention.

IF IN EYES
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

IF SWALLOWED
Rinse mouth.
Call a POISON CENTER or doctor/physician if you feel unwell.
5. Fire-fighting measures
   Extinguishing media
   Suitable extinguishing media
   Use appropriate extinguishing media suitable for surrounding facilities.
   Specific hazards arising from the substance or mixture
   Containers may explode when heated.
   Fire may produce irritating, corrosive and/or toxic gases.
   Advice for firefighters
   Specific fire-fighting measures
   Evacuate non-essential personnel to safe area.
   Special protective equipment and precautions for fire-fighters
   Wear fire/flame resistant/retardant clothing.
   Wear protective gloves/protective clothing/eye protection/face protection.
   Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

6. Accidental release measures
   Personnel precautions, protective equipment and emergency procedures
   Ventilate area after material pick up is complete.
   Wear proper protective equipment.
   Methods and materials for containment and cleaning up
   Sweep up, place in a bag and hold for waste disposal.
   Preventive measures for secondary accident
   Collect spillage.

7. Handling and storage
   Precautions for safe handling
   Preventive measures
   (Protective measures against fire & explosion)
   Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
   Exhaust/ventilator
   Exhaust/ventilator should be available.
   Safety treatments
   Avoid contact with skin.
   Avoid contact with eyes.
   Safety Measures/Incompatibility
   Wear protective gloves, protective clothing or face protection.
   When using do not eat, drink or smoke.
   Conditions for safe storage, including any incompatibilities
   Recommendation for storage
   Keep container tightly closed.
   Store in a cool, dry place. Do not store in direct sunlight.

8. Exposure controls/personal protection
   Exposure controls
   Appropriate engineering controls
   Do not use in areas without adequate ventilation.
   Eye wash station should be available.
   Washing facilities should be available.
   Individual protection measures
Respiratory protection
   Wear respiratory protection.
Hand protection
   Wear protective gloves.
Eye protection
   Wear eye/face protection.

9. Physical and Chemical Properties
Information on basic physical and chemical properties
Physical properties
   Appearance: Crystal or powder
   Color: Red purple–Dark purple
Phase change temperature
   Melting point/Freezing point: 179–182°C
   Decomposition temperature data N.A.
   Vapor density data N.A.
   Specific gravity/Density data N.A.
Solubility
   Solubility in water: Insoluble
   n-Octanol /water partition coefficient data N.A.

10. Stability and Reactivity
Chemical stability
   Stable under normal storage/handling conditions.
Conditions to avoid
   Contact with incompatible materials.
   Contact with fire source.
Incompatible materials
   Strong oxidizing agents
Hazardous decomposition products
   Nitrogen oxides

11. Toxicological Information
Information on toxicological effects
   No Acute toxicity data available
   No Irritant properties data available
   No Allergenic and sensitizing effects data available
   No Mutagenic effects data available
Carcinogenicity
   (Methyl Red)
   IARC-Gr.3 : Not Classifiable as a Human Carcinogen
   No Teratogenic effects data available
   No reproductive toxicity data available
   No STOT—single/repeated exposure data available
   No Aspiration hazard data available
12. Ecological Information
   Toxicity
   No Aquatic toxicity data available
   No Persistence and degradability data available
   No Bioaccumulative potential data available
   No Mobility in soil data available
   Ozone depleting chemical data not available

13. Disposal considerations
   Waste treatment methods
   Dispose of contents/container in accordance with local/national regulation.

14. Transport Information
   Not applicable to UN NO.

15. Regulatory Information
   Safety, health and environmental regulations/legislation specific for the substance or mixture
   US major regulations
   TSCA
   Methyl Red
   Other regulatory information
   Ensure this material in compliance with federal requirements and ensure conformity to local regulations.

16. Other information
   The product is not applicable to GHS classifications.
   Reference Book
   Globally Harmonized System of classification and labelling of chemicals, (5th ed., 2013), UN
   Recommendations on the TRANSPORT OF DANGEROUS GOODS 19th edit., 2015 UN
   Classification, labelling and packaging of substances and mixtures (table3-1 ECNO6182012)
   2012 EMERGENCY RESPONSE GUIDEBOOK(US DOT)
   2017 TLVs and BEIs. (ACGIH)
   http://monographs.iarc.fr/ENG/Classification/index.php
   Supplier’s data/information
   General Disclaimer
   This information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. It are advised to make their own tests to determinate the safety and suitability of each such product or combination for their own purposes.
   The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products’ properties.
   The GHS classification data given here is based on current Japan official data (NITE published in 2015).