



SAFETY DATA SHEET

PURPLE MARKING INK QD

SECTION 1 CHEMICAL PRODUCT IDENTIFICATION

January 1, 2020

Revised:
12/16/19

Product name:	PURPLE MARKING INK QD
Product. No.	
Synonymous.	Purple ink
Chemical name	Mixture
CAS No.	Mixture
Uses.	Meat marking
Uses advised against	Personal and home.
Manufacturer.	Diken de México SA de CV Avenida Industria Aeroespacial # 2900 Parque industrial Ramos Arizpe, Ramos Arizpe Coahuila, México CP 25900 +52 (844) 866 95 20
National Supplier:	Diken International 2940 Wesley Way, Richland Hills, TX 76118 Phone: 817 284 3388
Emergency Telephone	CHEMTREC 1-800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

Signs and Symptoms of Acute Exposure

Eyes Irritates on contact. Corneal damage possible with extended exposure

Inhalation Ingredients in this product are harmful when inhaled. Acute exposure beyond the established TLV can result in central nervous system effects, including dizziness, nausea, disorientation, and in extreme situations, unconsciousness. Long term exposure beyond the established TWA or PEL can contribute to central nervous system effects, including dizziness, nausea, disorientation, and in extreme situations, unconsciousness.

Skin If allowed to remain on skin for extended periods of time irritation may occur.

Ingestion Toxic by ingestion. Harmful if swallowed.

Chronic Health Effects Not known

Conditions Aggravated by Exposure Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

Classification and Labeling

Pictogram



Classification
(Hazard Class and Category Code– GHS)

2
Flammable liquids

2A
Eye irritation

4
Acute toxicity:
inhalation

Risk Phrases (Hazard statement– GHS)

Danger
Highly inflammable
liquid and vapor

Warning
Causes serious eye
irritation

Warning harmful if
inhaled

Precautionary statements

Keep away from heat and flames
 Keep container tightly closed
 Use explosion-proof electrical, ventilating and lighting equipment
 Use only no sparking tools.
 Take precautionary measures against static discharge
 Wash hands thoroughly after handling.
 Wear eye protection and protective gloves.
 Avoid breathing mists and spray.
 Use in a good ventilated area.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Synonymous	CAS #	EINECS #	%Wt
Water		7732-18-5	231-791-2	>30
Ethyl alcohol	Alcohol, ethanol,	00064-17-5	200-578-6	55
Propan-2-ol	Isopropyl alcohol	67-63-0	200-661-7	>10
Food red 14	FD&C red #3	16423-68-0	NFI	0.5
Food blue 2	FD&C blue #1	3844-45-9	NFI	0.6

We are only reporting materials which helps on the product hazard classification

SECTION 4. FIRST AIDS MEASURES

General: In the event of health problems or if in doubt, inform the physician and provide this SDS

Eye contact: Immediately rinse eyes thoroughly in cool running water for at least 15 minutes. If irritation persists, or inflammation or swelling occurs get medical attention at once, preferably with an ophthalmologist.

Inhalation: Remove from exposure. Administer oxygen if breathing is difficult. Get medical help immediately.

Skin contact: Immediately drench with flowing water for at least 15 minutes. Remove contaminated clothing as quickly as possible. Launder before reuse. If irritation persists, consult physician.

Ingestion: Do not induce vomiting. Have the conscious victim drink milk or water to dilute. Never give an unconscious person anything by mouth. Get medical help immediately.

NOTES TO PHYSICIAN: No specialized procedures. Treat for clinical symptoms.

SECTION 5. FIREFIGHTING MEASURES

General fire hazards	Contains alcohol which may cause fire.
Suitable extinguishing media	Water, Carbon dioxide, Dry chemical, foam.
Unsuitable extinguishing media	Do not use water jet.
Specific hazards	Carbon monoxide, Carbon dioxide gases (toxic) liberated during combustion.
Special protective equipment	Always wear self-contained breathing apparatus when fighting a chemical fire.

NFPA

HEALT

1

FIRE

3

REACTIVITY

0

SPECIAL

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION: Follow protective measures provided under Personal Protection in Section 8

Evacuate all unnecessary personnel and eliminate all sources of ignition.

ENVIRONMENTAL PRECAUTIONS: Avoid contamination of waterway or groundwater.

METHODS FOR CLEANING UP. Capture material and contain for disposal, according with local, state, and federal regulations. Remainder may be diluted with enough water, and then rinsed to a sewer.

SECTION 7. HANDLING AND STORAGE

HANDLING: Avoid breathing vapors. Wear personal protection equipment as described in Exposure Controls/Personal Protection (Section 8) of the MSDS. Never move drums with open bungs.

SPECIAL MIXING AND HANDLING INSTRUCTIONS: Do not allow contact with materials as noted in Section 10.

STORAGE: Keep container tightly closed and properly labeled. Store in a cool dry location. Supplier not responsible for disposition of this product. Do not reuse container.

Specific use(s) This product is used as a industrial meat marking, is not used for purposes other than those recommended

SECTION 8. EXPOSURE CONTROL/ PERSONAL PROTECTION INFORMATION

OCCUPATIONAL EXPOSURE LIMIT

- ACGIH Threshold Limit Value (TLV) -

Ethyl alcohol: 150 ppm(TWA), 200 ppm (STEL)

Propan-2-ol: 400 ppm(TWA), 500 ppm (STEL)

ENGINEERING CONTROLS: Handle product in a good ventilated area. If product is handled in an open system, the use of process closures, local exhaust, ventilation, and or other engineering controls should be considered to control airborne levels to below recommended exposure limits, or below acceptable levels where there are no limits.

PERSONAL PROTECTION:

RESPIRATORY: A NIOSH approved respirator with a dust, fume and mist filter may be permissible when symptoms have been observed that are indicative of overexposure.

A respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed when ever workplace conditions warrant use of respirator.

EYE/FACE: Wear chemical safety goggles plus full face shield to protect against contact when appropriate. (ANSIZ87.1)

SKIN: Wear protective clothing to minimize skin contact.

OTHER: Laundry contaminated clothing before use. Emergency shower and eyewash facility should be in close proximity (ANSI Z358.1)

Environmental exposure controls:

Environmental exposure controls should be in accordance with applicable regional, national, and local laws and regulations.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES.

Color	Purple
Odor	Alcohol
Odor Threshold	Not applicable
pH 1% v/v	Not determined
Softening point	Not applicable
Boiling point	>165°F
Flash point	100 °F
Evaporation rate	<1
Flammability (solid, gas)	Flammable
Flammability limit upper	Not determined
Flammability limit lower	Not determined
Auto ignition temperature	Not determined
Vapor pressure	Not established
Vapor density (air=1)	> 1
Specific Gravity	0.860-0.950
Solubility in water	Soluble in water in all proportions.
Solubility (other)	No data available
Partition coefficient (n-octanol-water)	Not determined
Viscosity	Not determined
Explosive properties	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Stability:	This product should maintain its physical character when stored closed at moderate temperatures, between 28°F an 100°F.
Conditions to avoid	Extreme heat, ignition sources.
Substances to avoid	Oxidizers, ammines, ammonia, caustics, inorganic acids, isocyanates, pyridines .
Decomposition products	Carbon monoxide, Carbon dioxide gases (toxic) and Nitrogen Oxides (Toxic!) liberated during combustion.
Hazardous polymerization	This product does not polymerize under normal storage and use conditions.
Reactions with air and water	Not known
Advise to prevent explosion	Keep away from source of flame.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute exposure beyond the established TLV can result in central nervous system effects, including dizziness, nausea, disorientation, and in extreme situations, unconsciousness. Long term exposure beyond the established TWA or PEL can contribute to Central Nervous System Effects, including dizziness, nausea, disorientation, and in extreme situations, unconsciousness.

Acute toxicity

ETHANOL LC50 Inhalation Vapour Rat 124700 mg/m³ 4 hours, LD50 Oral Rat 7 g/kg

Propan-2-ol: LD50 Dermal Rabbit 12800 mg/kg, LD50 Oral Rat 5000 mg/kg.

SECTION 12. ECOLOGICAL INFORMATION


No data available for this product but is considered toxic to fish.

SECTION 13. DIPOSAL CONSIDERATIONS

This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14. TRANSPORT INFORMATION.

INTERNATIONAL:

UN number 1993
Proper shipping name MARKING INK. FLAMMABLE LIQUID N.O.S.
Class 3 (flammable)
Packing Group II
Label 
 Danger, Highly flammable liquid and vapours.
IMDG Class 3 flammable
DOT MARINE POLLUTANT(S): Not information found.
CANADIAN TRANSPORTATION OF DANGEROUS GOODS: Not information found

SECTION 15. REGULATORY INFORMATION

Chemical inventory status

Ingredient	Cas #	TSC A	EC	Japan	Australia	kore a	CANADA			SARA 302		SARA 313	
							DS L	NDS L	Phill .	RQ	TPQ	List	Chemical catg.
Ethyl alcohol	64-17-5	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	No
2-propanol	67-63-0	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	Yes	No

SECTION 16. OTHER INFORMATION

Key/Legend

ACGIH American Conference of Governmental Industrial Hygienists
CAS Chemical Abstract Service
EU European Union
IARC International Agency for Research on Cancer
IMDG International Maritime Dangerous Goods
IMO International Maritime Organization

LD50 Lethal Dose, dose of a chemical which kills 50% of a sample population

OSHA Occupational Safety and Health Administration

NFI Not found information

The information in this Material Safety Data Sheet should be provided to all who use, handle, transport, or otherwise are exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and persons working with or handling this product. The information presented in this MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. Additionally, if this Material Safety Data Sheet is more than three years old, please contact this supplier at the phone number above in Section 1 to make sure this sheet is current.

Prepared by: Diken International, Technical department

The information and recommendations contained herein are based upon data believed to be correct. No Warranty, expressed or implied, is made.