



Safety Data Sheet

STERILE FINE TIP SKIN MARKERS

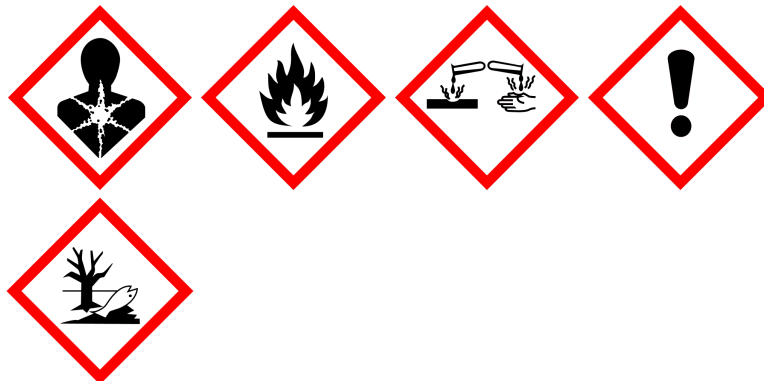
Section 1. Identification

Product Identifier	STERILE FINE TIP SKIN MARKERS		
Synonyms	DYNJSM03 ; DYNJSM04 ; MSD_SDS0366		
Manufacturer Stock Numbers	DYNJSM03 ; DYNJSM04		
Recommended use	Water based fibrepen ink.		
Uses advised against	Use only as directed.		
Manufacturer Contact			
Address	Medline Industries, Inc. 3 Lakes Drive Northfield, IL, 60093 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300	(847) 643-4436
		CHEMTREC CHEMTREC	
	Website		
	www.Medline.com		

Section 2. Hazards Identification

Classification	CARCINOGENICITY - Category 2 EYE DAMAGE/IRRITATION - Category N/A FLAMMABLE LIQUIDS - Category 3 HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD - Category 2
Signal Word	Danger

Pictogram



Hazard Statements

Causes serious eye damage
Flammable liquid and vapor
May cause drowsiness or dizziness
Suspected of causing cancer.
Toxic to aquatic life with long lasting effects

Precautionary Statements

Response

Collect spillage

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Avoid release to the environment
Do not handle until all safety precautions have been read and understood.
Ground/bond container and receiving equipment.

Storage

N/A

Disposal

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

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

PBT

Not Applicable.

vPvB

Not Applicable.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
548-62-9	Methanaminium, N-[4-[bis[4-(dimethylamino)phenyl]methylene]-2,5-cyclohexadien-1-	2.5% - 10%
67-63-0	Isopropyl alcohol	10% - 25%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Eye Contact

Rinse opened eye for several minutes under running water. Then consult a doctor.

Skin Contact:

Generally the product does not irritate the skin.

Inhalation:	Supply fresh air; consult doctor in case of complaint.
Ingestion:	If symptoms persist consult doctor.
Most Important Symptoms and Effects	No further relevant information available.
Most important symptoms and effects, both acute and delayed:	No further relevant information available.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, Carbon Dioxide (CO ₂), powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Unsuitable Extinguishing Media	No further relevant information available.
Protective Equipment	None under normal conditions.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:	Wear protective equipment and clothing. Keep unprotected persons away.
Environmental Precautions	Inform respective authorities in case of seepage into water course or sewage system. Dilute with plenty of water. Do not allow to enter sewers/surface or ground water.
Methods and Materials for Containment and Cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust) Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
Reference to other sections:	See section 7 for information on safe handling. See section 8 for information on personal protection equipment. See section 13 for disposal information.

Section 7. Handling and Storage

Precautions for safe handling:	Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
Information about fire - and explosion protection:	Keep ignition sources away - Do not smoke. Protect from heat. Protect against electrostatic charges.
Conditions for safe storage, including any incompatibilities:	Storage: Requirements to be met by storerooms and receptacles: No special requirements. Information about storage in one common storage facility: Not required. Further information about storage conditions:

Keep container slightly sealed.
Protect from heat and direct sunlight.

Specific end use(s): No further relevant information available.

Specific End Use(s)

No further relevant information available.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Methanaminium, N-[4-[bis[4-(dimethylamino)phenyl]methylene]-2,5-cyclohexadien-1-	N/A	N/A	N/A
	Isopropyl alcohol	TWA: 200 ppm STEL: 400 ppm 	TWA: 400 ppm STEL: 500 ppm 	N/A
Personal Protective Equipment	Goggles, Gloves			
Control parameters:	<p>Ingredients with Limit Values that Require Monitoring at the Workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.</p> <p>Additional Information: The lists valid during the making were used as basis.</p>			
Exposure Controls	<p>General Protective and Hygienic Measures: Keep away from foodstuffs, beverages and feed. Immediately remove all the soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with eyes.</p>			
Respiratory Protection	In case of brief exposure or low pollution use respiratory filter device. In case of intense or longer exposure use self-contained respiratory protective device.			
Protection of Hands	<p>The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and degradation.</p>			
Material of Gloves	The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not e calculated in advance and has therefore to be checked prior to the application.			
Penetration time of glove material:	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.			

Section 9. Physical and Chemical Properties

Physical State	Fluid
Color	According to Product Specification
Odor	Alcohol-like
Odor Threshold	Not Determined
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	30°C
FP Method	N.D.
pH	N.D.
Melting Point	N.D.
Boiling Point	82°C
Boiling Range	82°C
LEL	2
UEL	12.6
Evaporation Rate	N.A.
Flammability	N.A.
Decomposition Temperature	N.A.
Auto-ignition Temperature	This product is not selfigniting.
Vapor Pressure	at 20°C: 43 hPa
Vapor Density	at 20°C: 0.967 g/cm3

Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

Solubility in water Fully miscible.

Other information: The physical and chemical properties given in Section 9.1 are rough data only, which are partially derived from the component's data of the mixture. These data are no binding product specifications.

Section 10. Stability and Reactivity

Reactivity: No further relevant information available.

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

Possibility of Hazardous Reactions: None known.

Conditions to avoid: No further relevant information available.
Incompatible Materials: No further relevant information available.
Hazardous Decomposition or Byproducts: No hazardous decomposition products are known.

Section 11. Toxicological Information

Information on likely routes of exposure: Acute Toxicity: LD/LC50 values relevant for classification:
67-63-0 propan-2-ol

Oral: LD50:
4570 mg/kg (rat)

Dermal: LD50:
13400 mg/kg (rab)

Inhalative: LC50/4 h:
30mg/l (rat)

Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Serious eye damage/Eye irritation: Causes serious eye damage.

Respiratory/Skin sensitization: Based on available data, the classification criteria are not met.

Germ cell Mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Suspected of causing cancer.

Reproductive Toxicity: Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - Repeated exposure: Based upon the available data, the classification criteria are not met.

Aspiration Hazard: Based upon the available data, the classification criteria are not met.

Section 12. Ecological Information

Aquatic toxicity: No further relevant information available.
Persistence and degradability: No further relevant information available.
Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.

Ecotoxicological Effects: Remark:
Toxic for fish.

Additional Ecological Information: General Notes:
Water hazard class 3 (German Regulation) (Self-assessment) : Extremely hazardous for water.
Do not allow product to reach ground water, water course, or sewage system, even in small quantities.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms.

Results of PBT and vPvB assessment: PBT and vPvB assessment: N.A.
Other adverse effects: No further relevant information available.

Section 13. Disposal

Waste Treatment Methods: Recommendation:
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging: Recommendation:
Disposal must be made according to official regulations.

Recommended cleansing agents:
Water, if necessary together with cleansing agents.

Section 14. Transport Information

UN Number	1263
UN Proper Shipping Name	1263 PAINT, ENVIRONMENTALLY HAZARDOUS PAINT (triarylmethane dye), MARINE POLLUTANT PAINT
DOT Classification	3 Flammable liquids
Packing Group	3
IATA - UN Number:	1263
IATA - Label(s)	3
IATA - Hazard Class:	3 Flammable liquids
IMDG - UN Number	1263
IMDG - Label(s):	3
IMDG - Hazard Class:	3 Flammable liquids
ADR - UN Number:	1263
ADR - Labels:	3
ADN - Hazard Class:	3 (F1) Flammable liquids.
Environmental hazards:	Product contains environmentally hazardous substances: triarylmethane dye Marine Pollutant: Yes
Special precautions for user:	Warning: Flammable liquids
	Danger Code (Kemler) : 30
	EMS Number: F-E, S-E
Transport in bulk according to Annex II of MARPOL and the IBC Code	N.A.
ADR - Additional Information	Limited Quantities (LQ) : 5L Excepted Quantities (EQ) : Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

Transport Category: 3

IMDG: Additional Information:

Tunnel Restriction Code: D/E

Limited Quantities (LQ): 5L

Excepted Quantities (EQ): Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

Remarks: 1263 Paint (dye stuff: C.I. Basic Violet 3) , Marine Pollutant

Section 15. Regulatory Information

SARA 311/312: Refer to Section 2 of the SDS.

SARA 302: N.A.

SARA 304: N.A.

SARA 313: ISOPROPANOL.

TSCA: All components are listed or exempt.

CERCLA Hazardous Substance List: N.A.

Clean Air Act (CAA) Section 112, 112 (r): N.A.

State Regulations: New Jersey Dept. of Health RTK: Isopropyl Alcohol

Pensylvania RTK: Isopropanol

Rhode Island RTK: Isopropyl Alcohol

Section 16. Other Information

Revision Date 1/19/2018

Legend
N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

Additional Information
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