

SAFETY DATA SHEET



Date Prepared : 5/1/2015
MSDS No : MS3

Revision No : 2

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: MS3

USE OR APPLICATION: Dental Die Separator

MANUFACTURER

Harvest Dental Products, LLC
905 Columbia St.
Brea, CA 92821
Emergency Contact: INFOTRAC
Emergency Phone: 800-535-5053
International Emergency Phone: 1-352-323-3500
Product Stewardship: 714-674-7400

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

SIGNAL WORD: Danger

GHS LABEL ELEMENTS

Flammable



Health



Irritant



HAZARD STATEMENTS

H225: Highly flammable liquid and vapor.
H315.H320: Causes skin and eye irritation.
H304: May be fatal if swallowed and enters airways.
H361: Suspected of damaging fertility or the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS

P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat/sparks/open flames/hot surfaces - no smoking.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P270: Do not eat, drink or smoke when using this product.
P281: Use personal protective equipment as required.
P285: In case of inadequate ventilation wear respiratory protection.
P273: Avoid release to the environment.

DESCRIPTION OF ANY HAZARDS NOT OTHERWISE CLASSIFIED: Data not available.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Under GHS-OSHA 4.11 the precise composition of this product is withheld as confidential business information (CBI). A more complete disclosure can be provided to a health, or safety professional when necessary.

SUBSTANCES or MIXTURE: Mixture

NO.	COMPONENT	CAS.NO	PERCENT
1	Naphtha (Petroleum), light aliphatic	64742-49-0	< 100%
2	n-Hexane	110-54-3	< 50%
3	Cyclohexane	110-82-7	< 10%
4	Stoddard solvent	8052-41-3	< 2.5%
5	Trimethylsilica	68988-56-7	< 2.2%
6.	Xylene	1330-2-7	< 0.8%
7.	Psuedocumene	95-63-6	< 0.1%

4. FIRST AID MEASURES

EYES: Immediately flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area immediately with large amounts of soap and water. Remove and wash contaminated clothing before reuse, Contact a physician if irritation occurs.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

INGESTION: Do not induce vomiting. Give large quantities of water. Call a physician immediately. Never give anything to by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Flammability classification:

Extremely flammable class (1A), fl ash point: -25F (for product or lowest fl ash point ingredient)

EXTINGUISHING MEDIA: Water fog, dry chemical, carbon dioxide, or foam.

FIRE FIGHTING EQUIPMENT: Either atmosphere-supply or air-purifying respirators should be available for fire fighters (20 CFR 1910-134).

HAZARDOUS DECOMPOSITION PRODUCTS: Information not available.

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6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with material. Persons not wearing proper protective equipment (See Section 8) should be excluded from the area until clean up is complete.

PROTECTIVE EQUIPMENT: See Section 8.

METHODS AND MATERIALS FOR CONTAINMENT: Dike area to prevent spill spreading and scoop up excess to recovery containers. Absorb remnant on noncombustible material such as clay and shovel into containers for disposal.

CLEANUP PROCEDURES: Dispose of any waste(s) generated in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid skin and eye contact. Avoid breathing vapor, mist or fumes

HANDLING: Ensure that all containers are properly labeled to prevent accidental ingestion or improper disposal. Reseal partly used containers. Wash with soap and water before eating, drinking or using toilet facilities.

STORAGE: Store under cool, dry conditions and away from open flames and high temperatures. Observe conditions of good industrial hygiene and safe working practice.

INCOMPATIBILITIES: Information not available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT: Clean, body covering clothing and footwear.

EYES AND FACE: Splash proof goggles or safety glasses with side shields.

SKIN: Impervious gloves, neoprene or nitrile rubber gloves.

RESPIRATORY: Not normally necessary unless the material is being used in such a way as to produce dust, mist, vapor, fumes or smoke, in which case NIOSH approved respiratory protection should be used. Ventilation should be sufficient to control any dust, mist, vapor or fumes produced by processing or handling method. Breathing of vapor must be avoided.

WORK HYGIENIC PRACTICES: Standard work place practices.

OTHER USE PRECAUTIONS: None known.

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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Hydrocarbon
APPEARANCE: Clear or blue
pH: Neutral
SP.GR: 0.70
DENSITY: 5.8 lbs./gal
VAPOR PRESSURE: N.A.
VISCOSITY ASPIRATION: N.A.

Note: Other properties are either not available, or do not apply.

10. STABILITY AND REACTIVITY

STABLE: Stable under normal conditions. Unstable at elevated temperatures

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, and other unknown organic compounds

INCOMPATIBLE MATERIALS: Strong oxidizing agents, strong Lewis or mineral acids and strong mineral and organic bases.

11. TOXICOLOGICAL INFORMATION

RELATED SYMPTOMS:

ACUTE EFFECTS

Eyes: Liquid, vapors and mist are irritating and can cause a stinging sensation, tearing, reddening and swelling of the eyes.

Skin: Moderately irritating and may cause skin de fattening or sensitization.

Inhalation: Can cause nasal and respiratory irritation, CNS effects including fatigue, nausea, headache, unconsciousness and even death.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause fatal chemical pneumonitis.

CHRONIC EFFECTS:

Exposure may damage peripheral nerve tissue & result in peripheral neuropathy, may cause kidney damage or CNS effects. Pre-existing disorders may also be aggravated by exposure.

NUMERICAL MEASUREMENTS OF TOXICITY: Data not available.

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12. ECOLOGICAL INFORMATION

EXOTOXICITY EFFECTS:

AQUATIC TOXICITY: No data is available on the product itself.

TOXICITY TO OTHER ORGANISMS: No data is available on the product itself.

PERSISTENCE AND DEGRADABILITY:

MOBILITY: No data is available on the product itself.

BIOACCUMULATION: No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of waste in accordance with all federal, state and local regulations.

CONTAINER DISPOSAL METHOD: Since emptied containers retain product residue, all labeled hazard precautions must be observed. Consult with federal, state and local authorities for definitions of 'empty' and proper disposal practices.

SPECIAL PRECAUTIONS: Please refer to Section 8 for Exposure Controls/Personal Protection.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR) & International Air Transportation (ICAO/IATA)

UN Number:	UN1866 Resin	
UN Proper Shipping Name:	solution	Contains: Naphtha, light aliphatic
Transport Hazard Class:	3	
Packing Group Number:	II	
Guidance on bulk transportation:	Unknown	
Special Precautions:	Unknown	

Water Transportation (IMO/IMDG)

UN Number:	UN1866	
Proper Shipping Name:	Resin Solution	Contains: Naphtha, light aliphatic
Hazard Class:	3	
Packaging Group:	II	
Marine Pollutant:	Yes	

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15. REGULATORY INFORMATION

A. Cal Safe Drinking Water & Toxic Enforcement Act of 1986

Chemical Name	Cas.No.	Cancer/Repro.Tox		Quantity
Ethyl Benzene	100-41-4	Yes	No	< 0.5%
Naphthalene	91-20-3	Yes	No	< 0.1%
Benzene	71-43-2	Yes	Yes	< 0.9%
Toluene	108-88-3	No	Yes	< 0.0003%

This product may contain traces of other Prop. 65 listed chemicals as impurities. However, any used as ingredients are listed above.

B. CERCLA - 40 CFR 302.4

Releases exceeding the reportable quantity (RQ) must be reported to the national response center, (800) 424 8802. RQ for this product is 9.434 lbs. when based on its' (CAS 64742-49-0) content. (CAS 64742-49-0) can also be classified as an 'oil' and so releases may fall under the CERCLA petroleum exclusion and not reportable.

C. RCRA - 40 CFR 261.33

Product is a D001 ignitable liquid waste. The BDAT is incineration, fuels substitution or recover. No. 2 and No. 3 are RCRAU056 Hazardous waste.

D. SARA TITLE III- CFR 13378, CFR 21152

NO. (*1)	RQ (lbs.)	TPQ (lbs.) (*2)	SEC. 313 (*3)	313 CAT. (*4)	311/312 (*5)
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*1 = Reportable quantity of extremely hazardous substance, Sec. 302

*2 = Threshold planning quantity, extremely hazardous substance, Sec. 302

*3 = Toxic chemical Sec. 313 (individual chemical listed)

*4 = Toxic release inventory form category Sec. 313 (40 CFR 372.63 C)

*5 = Hazard category for SARA Sec. 311/312 reporting

H1 = Immediate (acute) health hazard

H2 = Delayed (chronic) health hazard

P3 = Fire hazard P4 = Sudden pressure release hazard P5 = Reactive Hazard

E. VOC - SCAQMD RULES

No.	Chemical	Quantity	VP mm Hg	gms./l. @20 C
1.	Naphtha, light aliphatic	<89%	125	623
4.	Stoddard Solvent	<2.5%	2	20
6	Xylene	<1.0%	5.1	9

F. INTERNATIONAL CHEMICAL INVENTORY STATUS:

EINECS-EU Listed, Exempted, Polymer substance, or as no longer polymer.

AICS-AUSTRALIA, ENCS-JAPAN, KECI/ECL-KOREA, IECSC/SEPA-CHINA, PICCS-PHILIPPINES,

DSL-CANADA, TSCA - USA: All components are listed or exempted.

G. WHMIS (CANADA)

WHMIS: D2B Materials causing other toxic effects - toxic material

WHIMS: B2 Flammable Liquids - Flash point of <37.8 C (100F)

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16. OTHER INFORMATION

HMIS III CODES:

Health: 2
Flammability: 3
Reactivity: 0

RATINGS:

0 = Minimal
2 = Slight
3 = Serious
4 = Severe

Personal protection rating to be supplied by user depending on conditions of use.

HAZARD CLASSIFICATIONS:

H225: Highly flammable liquid and vapour. (Flam.Liq. 2)
H304: May be fatal if swallowed and enters airways. (Asp.Tox 1)
H315: Causes skin irritation (Skin Irrit. 2)
H320: Causes eye irritation. (Eye Irrit. 2B)
H361: Suspected of damaging fertility or the unborn child. (Repr. 2)
H373: May cause damage to organs. (STPT RE2)

MANUFACTURER DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. However, Harvest Dental Products, LLC. does not assume any liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Further there are many international, federal, state and local laws and regulations governing chemical products and as it is beyond the scope of this SDS to determine which of these apply, it is the responsibility of the user to determine how these affect their use of the product.

- END OF SDS -