



Company: CherryBalmz Weapons Lubricants, LLC
Product Name: Ma Deuce Juice
Revision Date: 05 August 2014

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MATERIAL SAFETY DATA SHEET (MSDS)

SECTION I

PRODUCT & COMPANY IDENTIFICATION

Product Name: Ma Deuce Juice
Product Description: Synthetic Lubricant Base Stocks and Additives
Intended Use: Weapons Grease, Small Arms

Company Name and Address: CherryBalmz Weapons Lubricants, LLC
846 Victorian Ave, Suite 24
Sparks, NV 89431 USA

24 Hour Medical Emergency Contact: 415-309-6989

Product Technical Information Contact: 415-309-6989

MSDS Online Address: <http://www.CherryBalmz.com>

SECTION II

COMPOSITION / COMPONENT INFORMATION

Synthetic Base Oil	80 to 90 %
Proprietary Thickener & Additive Package (AF, AW, EP, AO/CI, VM/VII, PPD)	5 to 20%

SECTION III

HAZARDS IDENTIFICATION

NOTE: According to regulatory guidelines, this lubricant is not considered to be hazardous (see Section XV), though common personal protective measures (see Section VIII) and handling norms (see Section VII) should be noted and part of common training for those using the lubricant.

POTENTIAL HEALTH EFFECTS

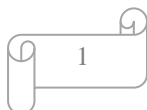
Low order of toxicity. Excessive exposure may result in eye, skin, or respiratory irritation. High-pressure injection under skin may cause serious damage.

ENVIRONMENTAL HAZARDS

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

NFPA Hazard ID:	Health: 0	Flammability: 1	Reactivity: 0
HMS Hazard ID:	Health: 0	Flammability: 1	Reactivity: 0

NOTE: This material should not be used for any other purpose than the intended use in Section I without expert advice – it is a weapons lubricant, and is not designed for other machines or biologic uses. Health studies have shown that chemical exposures of different kinds may cause potential human health risks which may vary from person to person.





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SECTION IV FIRST AID MEASURES

INHALATION

Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

SKIN CONTACT

For common skin contact, simply wash contact areas thoroughly with soap and water. However, *if product is injected into or under the skin, or into any part of the body*, the individual should be immediately evaluated by a physician under considerations as a surgical emergency - regardless of the appearance of the wound or its size. While initial symptoms from high-pressure injection may be absent or minimal, this may be a severe situation, and early surgical treatment may substantially reduce the ultimate extent of injury.

EYE CONTACT

Flush thoroughly with water. If irritation occurs, get medical assistance.

INGESTION

While ingestion is expected to cause minimal problem, we advise you to immediately call your local poison control hotline or the national number, 1-800-222-1222, and seek medical attention.

SECTION V FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Inappropriate Extinguishing Media: Straight Streams of Water

FIRE FIGHTING

Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Hazardous Combustion Products: Smoke, Fume, Aldehydes, Sulfur oxides, Incomplete combustion products, Oxides of carbon

FLAMMABILITY PROPERTIES

Flash Point [Method]: >200C (392F) [EST. FOR OIL, ASTM D-92 (COC)]

Flammable Limits (Approximate volume % in air): LEL: N/D UEL: N/D

Autoignition Temperature: N/D

SECTION VI ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES

In the event of accidental release or a spill, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases of this material to the environment that exceed the



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applicable reportable quantity or oil spills which could reach any waterway including intermittent dry creeks. The National Response Center may be contacted at (800)424-8802.

PROTECTIVE MEASURES

See Section 5 for fire fighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Depending on the specific circumstances, or the expert determination of emergency responders, additional protective measures may be necessary.

SPILL MANAGEMENT

Land Spill: Scrape up spilled material with shovels into a suitable container for recycle or disposal.

Water Spill: Confine the spill immediately, stop leak or source of spill. In maritime environment warn other shipping. Skim from surface.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, unique conditions of the scene, including geographic conditions, temperature, wind, temperature; and in the case of water spill, wave and current direction and speed also determine and influence appropriate responses. Subsequently, local experts should be consulted. Note: Local regulations may limit or prescribe action to be taken.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into sewers, waterways, or open spills in basements or other sources of drainage; dispose of used rags and cleaning patches appropriately. Do not burn in open fire, such as campfire.

SECTION VII

STORAGE & HANDLING

STORAGE

With lid firmly closed and in common storage out of direct sunlight, lubricant should maintain its integrity for no less than 15 years. Store containers on end to minimize bleed of oil common to greases, especially lightweight greases. When using, any bleed occurring during storage may be reconstituted easily by stirring. Due to pleasant odor, store out of reach of children and animals.

HANDLING

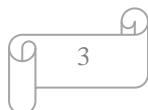
Containers are small – to prevent slip hazard, do not store at ground level, as stepping on container can cause it to crack or burst. Clean up any dropped or spilled lubricant immediately, as on common surfaces it presents an extreme slip hazard. Similarly, do not leave application tools or used patches/rags on the ground – dispose of properly, immediately after use to prevent slip hazard.

Static Accumulator: This material is not a static accumulator.

SECTION VIII

PERSONAL PROTECTION & EXPOSURE CONTROLS

NOTE: All standards shown for guidance only - all applicable regulations are to be followed. All information in this section is based upon normal, intended usage.





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PERSONAL PROTECTION

Respiratory Protection: *No respiratory protection is ordinarily required under normal conditions of use and with adequate ventilation.*

Hand Protection: *No protection is ordinarily required under normal conditions of lubricant application, provided it is followed by washing, though use of common latex gloves may be advisable for those in extended, regular contact with lubricant or with personal skin sensitivities. During cleaning of lubricants after firing, latex or other similar gloves should always be used, to prevent exposure to contaminants from the combustion process, including metals coming from vaporized bullet bases, and lead emanating from primer compounds (which can account for up to 20% of the lead found on a gun rage) that may have found its way into the used lubricant.*

Eye Protection: *If contact is likely, safety glasses with side shields are recommended.*

Skin and Body Protection: *No additional skin or body protection beyond common clothing is ordinarily required under normal conditions of use. In accordance with good general industrial hygiene practices, precautions should be taken to avoid skin contact.*

Specific Hygiene Measures: Always observe standard, common good personal hygiene measures when using lubricants, including thorough washing after handling, as well as before drinking, eating, and/or smoking. Work or range clothing should be routinely washed after handling firearms as well to remove contaminants associated with firearms, and discard contaminated clothing, footwear, and protective equipment that cannot be cleaned. Around your workspace, always practice good housekeeping.

ENVIRONMENTAL CONTROLS

See Sections 6, 7, 12, 13.

SECTION IX

PHYSICAL & CHEMICAL PROPERTIES

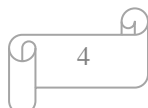
Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

GENERAL INFORMATION

Physical State: Solid
Form: Semi-fluid
Color: Reddish-purple
Odor: Sweet
Odor Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Relative Density (at 15 C): 0.9
Flash Point [Method]: >200C (392F) [EST. FOR OIL, ASTM D-92 (COC)]
Flammable Limits (Approximate volume % in air): LEL: N/D UEL: N/D
Autoignition Temperature: N/D
Boiling Point / Range: > 316C (600F) [Estimated]
Vapor Density (Air = 1): N/D
Vapor Pressure: < 0.013 kPa (0.1 mm Hg) at 20 C [Estimated]





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Evaporation Rate (n-butyl acetate = 1): N/D
pH: N/A
Log Pow (n-Octanol/Water Partition Coefficient): N/A
Solubility in Water: Negligible
Viscosity: N/D
Oxidizing Properties: See Hazards Identification Section.

OTHER INFORMATION

Freezing Point: N/D
Melting Point: N/D
Decomposition Temperature: N/D

NOTE: Most physical properties above are for the oil component in the material.

SECTION X STABILITY AND REACTIVITY

STABILITY: Material is stable under normal conditions.

MATERIALS TO AVOID: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Excessive heat. High energy sources of ignition.

SECTION XI TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Route of Exposure	Conclusion / Remarks
Inhalation	
Toxicity: No end point data.	Minimally Toxic. Based on assessment of the components.
Irritation: No end point data.	Negligible hazard at ambient/normal handling temperatures. Based on assessment of the components.
Ingestion	
Toxicity (Rat): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials.
Skin	
Toxicity (Rabbit): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials.
Irritation (Rabbit): Data available.	Negligible irritation to skin at ambient temperatures. Based on assessment of the components.
Eye	
Irritation (Rabbit): Data available.	May cause mild, short-lasting discomfort to eyes. Based on assessment of the components.



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Additional information is available by request.

The following ingredients are cited on the lists below: None.

--REGULATORY LISTS SEARCHED--

1 = NTP CARC
2 = NTP SUS

3 = IARC 1
4 = IARC 2A

5 = IARC 2B
6 = OSHA CARC

SECTION XII ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials.

MOBILITY: Base oil component floats and has low solubility, and is expected to migrate from water to the land, as well as partition to sediment and wastewater solids.

ECOTOXICITY: Expected to be harmful to aquatic organisms and cause long-term adverse effects in the aquatic environment.

SECTION XIII CONSIDERATIONS FOR DISPOSAL

Disposal recommendations based on lubricant as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

REGULATORY DISPOSAL INFORMATION

RCRA Information: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of corrosivity, reactivity, or ignitability, and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

DISPOSAL RECOMMENDATIONS

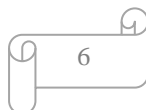
Dispose of product in a manner in accordance with local regulations pertaining to lubricants. Product is suitable for burning in an enclosed controlled burner for disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

Empty Container Warning: Empty containers may contain residue, do not attempt to refill with any other product.

SECTION XIV TRANSPORT INFORMATION

LAND (DOT): Not Regulated for Land Transport

LAND (TDG): Not Regulated for Land Transport





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SEA (IMDG): Not Regulated for Sea Transport according to IMDG-Code

AIR (IATA): Not Regulated for Air Transport

SECTION XV REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

Complies with the following national/regional chemical inventory requirements:: IECSC, EINECS, TSCA
Special Cases:

Inventory	Status
NDSL	Restrictions Apply

EPCRA: This material contains no extremely hazardous substances.

SARA (311/312) REPORTABLE HAZARD CATEGORIES: None.

SARA (313) TOXIC RELEASE INVENTORY: This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

The following ingredients are cited on the lists below:

Chemical Name	CAS Number	List Citations
SYNTHETIC BASE OIL	64742-52-5	13, 17, 18, 19

--REGULATORY LISTS SEARCHED--

- | | | | |
|---------------|------------------|-------------------|-------------|
| 1 = ACGIH ALL | 6 = TSCA 5a2 | 11 = CA P65 REPRO | 16 = MN RTK |
| 2 = ACGIH A1 | 7 = TSCA 5e | 12 = CA RTK | 17 = NJ RTK |
| 3 = ACGIH A2 | 8 = TSCA 6 | 13 = IL RTK | 18 = PA RTK |
| 4 = OSHA Z | 9 = TSCA 12b | 14 = LA RTK | 19 = RI RTK |
| 5 = TSCA 4 | 10 = CA P65 CARC | 15 = MI 293 | |

Code key: CARC=Carcinogen; REPRO=Reproductive

SECTION XVI OTHER INFORMATION

AF = Anti-Friction, AO/CI = Anti-Oxidant/Corrosion Inhibitor, AW = Anti-Wear, EP = Extreme Pressure, N/D = Not determined, N/A = Not applicable, PPD = Pour Point Depressant, VM/VII = Viscosity Modifier/Viscosity Index Improver