



SAFETY DATA SHEET

DuroTone

1. PRODUCT AND COMPANY IDENTIFICATION

DATE ISSUED:	9/1/17
SDS REF. No:	7200

PRODUCT NAME: DuroTone

PRODUCT CODE: 7200

SYNONYMS:

CAS NUMBER:

PRODUCT USE: Interior Stain

MANUFACTURER

American Formulating & Mfg.
3251 Third Avenue
San Diego, CA,
(619) 239-0321

24 HR. EMERGENCY TELEPHONE NUMBER

CHEMTREC (US Transportation): (800)424-9300
CHEMTREC (International Transportation): 1(202)483-7616

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE : Liquid

CLASSIFICATION: This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

POTENTIAL HEALTH EFFECTS

EYES : Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

SKIN : Liquid may be irritating to the skin. Prolonged or repeated contact can result in drying of the skin which may result in skin irritation and dermatitis (rash). Liquid not likely to be absorbed through the skin.

SKIN ABSORPTION : Liquid is moderately irritating to the skin. Prolonged or repeated contact can result in drying of the skin which may result in skin irritation and dermatitis (rash). Liquid may be absorbed through the skin.

INGESTION : Ingestion may cause irritation and damage to mucous membranes.

INHALATION : Vapors may be irritating to the nose, throat, and respiratory tract. Prolonged inhalation may cause headaches or nausea.

CHRONIC : No chronic health concerns known.

CARCINOGENICITY :

This material is not currently known to have carcinogenic properties.

MUTAGENICITY :

This material is not known to have mutagenic effects on genetic material.



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REPRODUCTIVE TOXITY

REPRODUCTIVE EFFECTS : This material is not known to cause any reproductive system damage.

TERATOGENIC EFFECTS :

This material is not known to contain any teratogenic substances.

IRRITANCY:

This material may cause irritation to the eyes, skin, and respiratory tract. Use correct PPE when handling this material.

CLASSIFICATION :

PICTOGRAMS :



SIGNAL WORD : WARNING

HAZARD STATEMENTS :

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS : P264 Wash thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product contains no substances which, at their given concentration, are considered to be hazardous to health. However, additional component information is available in subsequent sections of this SDS.

REPORTABLE COMPONENTS	CAS NUMBER	WEIGHT PERCENT
Dipropylene Glycol Monomethyl Ether	34590-94-8	< 5
Ammonium hydroxide	1336-21-6	< 5



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No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

THE FORMULATION OF THIS PRODUCT DOES NOT CONTAIN CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM."

4. FIRST AID MEASURES

EYES : Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Seek medical aid if irritation persists.

SKIN : Flush skin with soap and water while removing contaminated clothing. If irritation occurs, seek immediate medical attention. Do not reuse clothing or shoes until thoroughly cleaned.

INGESTION : Do not induce vomiting, and seek immediate medical attention. Do not attempt to give any liquids if victim is unconscious.

INHALATION : Immediately remove victim to fresh air. If victim is not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Seek immediate medical attention.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

SYMPTOMS: Direct contact with eyes may cause temporary irritation.

EFFECTS: No further relevant information available.

NOTES TO PHYSICIAN: Treat symptomatically. If the victim is a child, give no more than 1 glass of water and 15cc (1 tablespoon) syrup of ipecac. If symptoms such as loss of gag reflex, convulsions, or unconsciousness occur before emesis, gastric lavage should be considered following intubation with a cuffed endotracheal tube.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: Not applicable

SUITABLE EXTINGUISHING MEDIA: Use water fog, "alcohol" foam, dry chemical, or CO2.

UNSUITABLE EXTINGUISHING MEDIA: None known.

FIRE FIGHTING PROCEDURES: Clear the fire area of unprotected personnel. Do not enter confined fire space without full bunker gear; including a positive pressure NIOSH approved SCBA. Cool fire exposed containers with water. If water is used, fog nozzles are preferred.



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COMBUSTION PRODUCTS: Unknown

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Ventilate area of leak or spill for at least 24 hours or until it has been declared safe. Stop the leak if there is no risk involved. Clean-up personnel require protective clothing and respiratory protection from vapors. Absorb liquid with inert material. Only specially trained or qualified personnel should handle the emergency.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Keep material out of storm sewers and ditches which lead to waterways.

LAND SPILL: Contact applicable authorities and determine applicable regulations based on SDS information.

AIR RELEASE: Contact applicable authorities and determine applicable regulations based on SDS information.

PERSONAL PRECAUTIONS:

For non-emergency personnel:

PROTECTIVE EQUIPMENT: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

EMERGENCY PRECAUTIONS: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

METHOD OF CLEANING UP: Clean up spills immediately and dispose of waste safely.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING : Avoid Freezing. Avoid contact with bacteria, fungus, or other microorganisms. Keep container closed when not in use to avoid skinning and microorganism contamination.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES : KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION



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OSHA TABLE COMMENTS:

NL = Not Listed

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EXPOSURE GUIDELINES:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	STEL: 150 ppm TWA: 100 ppm S*	TWA: 100 ppm TWA: 600 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m ³ S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m ³

ENGINEERING CONTROLS: Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

SKIN: Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

RESPIRATORY: If exposure may or does exceed occupational exposure limits (Section 8) use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134, use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

WORK HYGIENIC PRACTICES: Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

COMMENTS: May be harmful or fatal if swallowed. May irritate body tissues. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.



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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Various

ODOR: Mild

EVAPORATION RATE: Slower than ether

BOILING POINT: 212F

VAPOR DENSITY: Heavier than air

VOLATILE ORGANIC COMPOUNDS: < 250 gpl

(VOC Theoretical – As Packaged)

HAZARDOUS AIR POLLUTANTS (HAP's): None

(HAP's Theoretical – As Packaged)

SOLUBILITY IN WATER: Dilutable

DENSITY (LB/GAL): N/A

EVAPORATION RATE: N/A

SPECIFIC GRAVITY: N/A

10. STABILITY AND REACTIVITY

STABILITY: Yes

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid Freezing

POLYMERIZATION: Avoid heat, flame, and other sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS: None known

INCOMPATIBLE MATERIALS: None known



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POSSIBILITY OF HAZARDOUS REACTIONS: None under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid contact with skin.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	= 5400 µL/kg (Rat)	= 9500 mg/kg (Rabbit)	-
Ammonium hydroxide 1336-21-6	= 350 mg/kg (Rat)	-	-

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Carcinogenic potential is unknown.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

PERSISTENCE AND DEGRADABILITY: No further relevant information available

BIO-ACCUMULATIVE POTENTIAL: Not determined

MOBILITY: No further relevant information available

OTHER ADVERSE EFFECTS: No further relevant information available



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ECOLOGICAL INFORMATION

Chemical Name	Algae/aquatic plants	Fish
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8		10000: 96 h Pimephales promelas mg/L LC50 static
Ammonium hydroxide 1336-21-6		8.2: 96 h Pimephales promelas mg/L LC50

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

PRODUCT/PACKAGING DISPOSAL: The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

WASTE TREATMENT OPTIONS AND RECOMMENDATIONS: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

WASTE CODE/WASTE DESIGNATIONS ACCORDING TO EWC/AVV: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SAFE HANDLING: Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

14. TRANSPORT INFORMATION



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DOT (DEPARTMENT OF TRANSPORTATION)

TECHNICAL NAME: Not regulated as a hazardous material by DOT.

UN NUMBER: N/A

ICAO/IATA : Not regulated

IMDG/IMO : Not regulated

UN PROPER SHIPPING NAME: N/A

TRANSPORT HAZARD CLASS: N/A

PACKING GROUP: N/A

MARINE POLLUTANT: N/A

SPECIAL PRECAUTIONS: N/A

***** American Formulating & Manufacturing verifies that the material was supplied and shipped in the proper packages in accordance with DOT and federal regulations that are applicable to the mode of transportation selected. The shipper must verify that the packaging supplied is acceptable to be re-shipped in per the federal regulations applicable to the mode of transportation for reshipment. Regulations may change depending on mode of transportation selected.*****

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: This product is not listed.

FIRE : No **PRESSURE GENERATING :** No

REACTIVITY : No **ACUTE :** No **CHRONIC :** No

313 REPORTABLE INGREDIENTS: To the best of our knowledge, this product is not listed as a toxic chemical.

302/304 EMERGENCY PLANNING

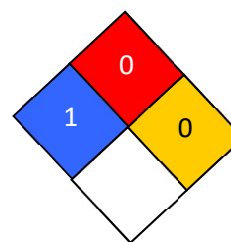
EMERGENCY PLAN: To the best of our knowledge, this product is not listed as a toxic chemical.

OTHER REGULATION : No Data Available

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	B

NFPA CODES



ADDITIONAL PRODUCT INFORMATION:

Product Color: Warm Cherry; Walnut; Cognac; Golden Oak; Honey Maple; Jacobean; Red Mahogany; Warm Oak; Nutmeg; Pecan; White Pickle

REVISION INDICATOR : N/A

MANUFACTURER DISCLAIMER : To the best of our knowledge, all information, recommendations, and suggestions appearing herein concerning this product are taken from raw material sources or based upon data believed to be reliable. Although reasonable care has been taken in the preparation of this information American Formulating & Mfg. extends no guarantees, express or implied, makes no representations and assumes no responsibility as to the accuracy, reliability or completeness of the information presented. American Formulating & Mfg. assumes no liability arising out of the use of the product by others.

Legend

ACGIH: American Conference of Governmental Industrial Hygienists

CAS No.: Chemical Abstract Service Registry Number

CERCLA: Comprehensive Environmental Response, Compensation and Liability Act (U.S. EPA)

CPR: Controlled Product Regulations (Canada)

DOT: Department of Transportation (U.S.)

EPA: Environmental Protection Agency (U.S.)

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

HEPA: High-Efficiency Particulate Air

HMIS: Hazardous Materials Identification System

IARC: International Agency for Research on Cancer

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods code

LPP: Limité Permissible Ponderado (Chile)

NIOSH: National Institute of Occupational Safety and Health (U.S.)

NFPA: National Fire Protection Association (US)

NTP: National Toxicology Program (US)

OSHA: Occupational Safety and Health Administration (U.S.)

PEL: Permissible Exposure Limit

SARA: Superfund Amendments and Reauthorization Act (U.S. EPA)

SDS: Safety Data Sheet

STEL: Short Term Exposure Limit (15 minute Time Weighted Average)

STOT: Specific Target Organ Toxicity (GHS Classification)

TLV: Threshold Limit Value

TSCA: Toxic Substances Control Act (U.S.)

TWA: Time Weighted Average (exposure for 8-hour workday)

U.S.: United States

VOC: Volatile Organic Compounds

WHMIS: Canadian Workplace Hazardous Materials Information System