

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Washing Agent

MANUFACTURER: *de neef* Construction Chemicals Inc.

ADDRESS: 5610 Brystone Drive
Houston, TX 77095

PHONE: (800) 732-0166 (7am-5pm CST Weekdays)

FAX: (713) 849-3340

WEBSITE: www.deneef.com

EMERGENCY PHONE: CHEMTREC (800) 424-9300 (Anytime)

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

APPEARANCE AND ODOR:

Clear colorless liquid with a sweet odor.

REACTIVE:

Product can react with strong oxidizers, acids, or alkalies.

POTENTIAL HEALTH EFFECTS

EYES:

Contact with eyes may cause irritation.

SKIN:

Contact with skin may cause skin irritation.

INGESTION:

Ingestion of this product is harmful.

INHALATION:

Under normal conditions of use, inhalation of this product is unlikely. If product mist is inhaled, remove affected person immediately to fresh air. Seek medical attention immediately if symptoms develop.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

<u>Name</u>	<u>CAS NO.</u>	<u>% VOL</u>
Dimethyl Glutarate	1119-40-0	40% - 70%
Dimethyl Adipate	627-93-0	10% - 30%
Dimethyl Succinate	106-65-0	10% - 30%

SECTION 4: FIRST AID MEASURES

EYES:

Immediately flush eyes gently with water for at least 15 minutes, while holding open upper and lower lids. Immediately seek medical attention.

SKIN:

Remove contaminated clothing. Wash the exposed area with water. The cured product on the skin is rarely a cause of irritation (If it does, seek medical attention). The process of trying to remove the cured product may cause irritation.

INGESTION:

SEEK IMMEDIATE MEDICAL ATTENTION! Do Not Induce Vomiting. Rinse mouth out with water. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

INHALATION:

Under normal conditions of use, inhalation of this product is unlikely. If product mist is inhaled, remove affected person immediately to fresh air. Seek medical attention immediately if symptoms develop.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT & METHOD USED:
CC 212°F (100°C)

AUTOIGNITION:
698°F (370°C)

SECTION 5: FIRE-FIGHTING MEASURES (Continued)

EXTINGUISHING MEDIA:

Dry Chemical, CO₂, Foam or Water Fog

SPECIAL FIRE FIGHTING PROCEDURES:

Do not scatter material with high pressure water streams.

HAZARDOUS DECOMPOSITION PRODUCTS:

Fire or intense heat will decompose the product.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Where exposure level is known, wear approved respirator suitable for the level of exposure. If exposure level is unknown, wear approved, positive pressure, self-contained respirator. In addition to the protective clothing in section 8, wear impermeable boots.

CLEAN-UP PROCEDURES:

Remove sources of ignition. Stop and contain / dam the spill. Absorb spill with inert material (vermiculite / diatomaceous earth). Shovel material into appropriate container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING:

Avoid skin and eye contact. Wash thoroughly after handling. Keep product away from heat and open flame.

STORAGE:

Keep in manufacturer's sealed nitrogen packed pail. Maintain storage temperatures between 65°F to 86°F (18°C to 30°C).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

None Establish by OSHA / ACGIH

ENGINEERING CONTROLS:

Normal room ventilation is usually adequate under normal use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (Continued)

RESPIRATORY PROTECTION:

Under normal conditions of use, respiratory equipment is not required. Use a NIOSH approved air purifying respirator with an organic vapor cartridge or canister when concentrations are expected to exceed exposure limits

EYE PROTECTION:

Safety goggles or face shield

SKIN PROTECTION:

Use gloves; wear protective clothing to prevent skin contact.

WORK HYGIENIC PRACTICES:

Use good hygiene practices when handling this material including changing and laundering of work clothes after use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear

ODOR: Sweet odor

PHYSICAL STATE: Liquid

Solubility (H₂O): 5.3 WT% @ 68°F (20°C)

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

Product is considered stable.

INCOMPATIBILITY (MATERIAL TO AVOID):

Product can react with strong oxidizers, acids, or alkalies.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Fire or intense heat will decompose the product.

HAZARDOUS POLYMERIZATION:

None

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY:

IARC: Group 3 (not classifiable as to its carcinogenicity in humans)

EPA: Group D

LD50: >8,191 mg/kg Oral (rat)

LD50: >2,250 mg/kg Skin Absorbtion (rabbit)

LC50: >10.7 mg/L (rat)

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Does not Bioaccumulate (All Ingredients)

Dimethyl Glutarate	1119-40-0	70% Biodegrade in 7 days
Dimethyl Adipate	627-93-0	58% Biodegrade in 7 days
		84% Biodegrade in 14 days
Dimethyl Succinate	106-65-0	67% Biodegrade in 7 days

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of per local, state and federal guidelines as required by your specific local authorities.

SECTION 14: TRANSPORT INFORMATION

Follow all applicable shipping regulations.

This product is not regulated by DOT, IMO, or IATA.

DOT Freight Class 55

Contact *de neef* Construction Chemicals Inc. for any further information.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

Ingredient	TSCA	CERCLA	SARA	
			302	313
Dimethyl Glutarate	Yes	None	No	No
Dimethyl Adipate	Yes	None	No	No
Dimethyl Succinate	Yes	None	No	No

WHMIS:

5610 Brystone Dr. Houston, Texas 77041
Ph: 713/896-0123 • Fax: 713/849-3340 • www.deneef.com

All components are listed on the CEPA Domestic Substances List (DSL)

Ingredient Disclosure List (IDL), the following components are on the list:
None listed.

NFPA HAZARD CLASSIFICATION:

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

SECTION 16: OTHER INFORMATION

ADDITIONAL INFORMATION:

The hydrogen cyanide concentration in this product is so low (<10ppm) as to be toxicologically insignificant when the product is used as a solvent. However, when the product is chemically reacted with alcohols, and methanol is recovered from that reaction and purified for reuse by distillation, concentration of highly volatile impurities such as hydrogen cyanide may be raised to toxicologically significant levels in the waste stream from this process. Processors using this product as a raw material should be aware of this potential hazard.

PREPARATION INFORMATION:

September , 2010

This MSDS is on a three year review cycle. If the date on this sheet is older than three years please contact *de neef* Construction Chemicals Inc. for an updated MSDS.

DISCLAIMER:

All information appearing herein is based on manufacturer and/ or recognized technical sources. While the information is believed accurate *de neef* Construction Chemicals Inc. makes no representations as to the accuracy or sufficiency of the information.