



Vinyl-Off 104

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product Name : Vinyl-Off 104

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Removal of vinyl graphics

1.3. Details of the supplier of the safety data sheet

West End Products, LLC dba CrystalTek
1016 Windward Ridge Parkway
Alpharetta, GA 30005
T (770) 643-8501

1.4. Emergency telephone number

Emergency number : 800-633-8253 (Domestic/Canada) and 801-629-0667 (International)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Acute Toxicity (Oral): Category 5
Acute Toxicity (Dermal): Category 5
Aquatic Hazard (Acute): Category 3
Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H303 - May be harmful if swallowed
H313 - May be harmful in contact with skin
H402 - Harmful to aquatic life

Precautionary statements (GHS-US) :

P261 - Avoid breathing fumes/mist/vapor/spray
P264 - Wash exposed skin thoroughly after handling
P273 - Avoid release into environment
P280 - Wear protective gloves to avoid prolonged exposure
P312 - Call a POISON CENTER/doctor if you feel unwell.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

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3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Dimethyl adipate	(CAS No) 627-93-0	5-10	Acute Tox. 4 (Oral), H302

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Call a poison center/doctor/physician if you feel unwell.
- First-aid measures after inhalation : Remove to fresh air and keep in position comfortable for breathing.
- First-aid measures after skin contact : If skin irritation occurs, seek medical advice/attention. If on clothes; remove/take off all contaminated clothing. Rinse skin with soap and water.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.
- First-aid measures after ingestion : If swallowed, consume water to dilute. Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

- Reactivity : The product is non-reactive under normal conditions of use, storage, and transport.

5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective clothing. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Protect skin and eyes from exposure. Avoid breathing vapor.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information, refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : LARGE SPILLS: Contain spilled material. Large spills may be neutralized with dilute alkaline solution of soda ash or lime. Avoid runoff into storm sewers or ditches that lead to waterways. Treat or dispose of waste material as a weak acid in accordance with all local, state/provincial, and national requirements. SMALL SPILLS: Dilute with water. Treat or dispose of waste material as a weak acid in accordance with all local, state/provincial, and national requirements.

6.4. Reference to other sections

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For further information, refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Store in a cool, well ventilated area away from incompatible materials. Prevent electrostatic charge.
- Hygiene measures : Do not eat, drink, or smoke while using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
- Incompatible products : Acids, alkalines, substances with a strong acid reaction.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available.

8.2. Exposure controls

- Appropriate engineering controls : Emergency eye wash stations should be available in the immediate vicinity.
- Hand protection : Protective gloves.
- Eye protection : Chemical goggles or safety glasses.
- Skin and body protection : General clothing is adequate.
- Respiratory protection : Wear NIOSH/MSHA approved respiratory protection in enclosed areas.
- Environmental exposure controls : Avoid release into sewers and public waters.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Color : colorless
- Odor : none to sweet
- Odor Threshold : No data available
- pH : 6.5-7.5 @ 20°C (68°F)
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : >212°F
- Relative evaporation rate (butyl acetate=1) : No data available
- Flammability (solid, gas) : No data available
- Explosion limits : No data available
- Explosive properties : No data available
- Oxidizing properties : No data available
- Vapor pressure : No data available
- Relative density : 1.04 g/mL
- Relative vapor density at 20°C : No data available
- Solubility : slightly soluble
- Log Pow : No data available
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Viscosity : No data available
- Viscosity, kinematic : No data available
- Viscosity, dynamic : No data available

9.2. Other information

- VOC content (Method 24) : 91.5%

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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10.2. Chemical Stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Contact with incompatible materials.

10.5. Incompatible materials

Acids, alkalines, substances with a strong acid reaction.

10.6. Hazardous decomposition products

Products of combustion include smoke, fumes or vapors, carbon oxides (including carbon monoxide), hydrocarbons.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity :

Dimethyl adipate (627-93-0)	
LD 50 oral rat	1920 mg/kg
ATE US (oral)	1920.000 mg/kg body weight

Skin corrosion/irritation : Not classified.
Serious eye damage/irritation : Not classified.
Respiratory or skin sensitization : Not classified.
Germ cell mutagenicity : No evidence of mutagenicity effect.
Carcinogenicity : No evidence of carcinogenicity effect.
Reproductive toxicity : No evidence of reproductive effect.
Specific target organ toxicity (single) : Not classified.
Specific target organ toxicity (repeated) : Not classified.
Aspiration hazard : Not classified.

SECTION 12: Ecological information

12.1. Toxicity

Ecology-general : This material is not expected to be harmful to the environment.

12.2. Persistence and degradability

Biodegradation.

12.3. Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in accordance with local, state/provincial, and national requirements.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT
Not regulated for transport

TDG

No additional information available.

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Transport by sea

Class (IMDG) : Not regulated for transport

Air transport

Class (IATA) : Not regulated for transport

SECTION 15: Regulatory information

15.1. US Federal regulations

Dimethyl adipate (627-93-0)

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

EPA TSCA Regulatory Flag

T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.
Y2 - Y2 - indicates an exempt polymer that is a polyester is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

15.2. International regulations

CANADA

Dimethyl adipate (627-93-0)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available.

National Regulations

Dimethyl adipate (627-93-0)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on Turkish inventory of chemicals

15.3. US State regulations

No additional information available.

SECTION 16: Other Information

Full text of H-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (Oral) Category 4
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H402	Harmful to aquatic life

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed