

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations Revision Date: 03/20/2020 Date of issue: 03/20/2020

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier Product Form: Mixture

Product Name: New Dimensions DISAPPEAR™ Organic Graffiti/Adhesive/Paint Remover

Chemical Name: Solvent Blend

SDS No: ND GR 1 Synonyms: None

1.2. Intended Use of the Product

Graffiti/Adhesive/Paint Remover.

1.3. Name, Address, and Telephone of the Responsible Party

Company

New Dimensions Solutions, LLC

3960 Howard Hughes Parkway, Suite 500

Las Vegas, NV 89169 Phone: (800) 731-2231 email: sales@ndclean.com

www.ndclean.com

1.4. Emergency Telephone Number: (702) 943-8861

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)
Eye Dam. 1 H318
STOT SE 3 H335
Aquatic Acute 1 H400
Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)







Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US) : H318 - Causes serious eye damage.

H335 - May cause respiratory irritation.

H400 - Very toxic to aquatic life.

 $\mbox{H412}\mbox{ - Harmful to aquatic life with long lasting effects.}$

Precautionary Statements (GHS-US) P261 - Avoid breathing vapors, mist, or spray.

P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, and eye protection.

P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position

comfortable for breathing.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a poison center or doctor.

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P391 - Collect spillage.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national,

provincial, territorial and international regulations.

2.3. Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

7.55 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixture

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Dimethyl sulfoxide	(CAS No) 67-68-5	35.97	Flam. Liq. 4, H227
Dimethyl adipate	(CAS No) 627-93-0	5 - 10,	Acute Tox. 4 (Oral), H302
		10 - 30	Eye Dam. 1, H318
			Aquatic Acute 1, H400
			Aquatic Chronic 3, H412
Ethyl lactate	(CAS No) 97-64-3	1 -5,	Flam. Liq. 3, H226
		5 -10,	Eye Dam. 1, H318
		10 -30	STOT SE 3, H335
Pentanedioic acid, 1,5-dimethyl ester	(CAS No) 1119-40-0	1 -5,	Aquatic Acute 3, H402
		5 -10,	
		10 -30	
Castor oil, ethoxylated	(CAS No) 61791-12-6	7.55	Aquatic Acute 3, H402
Alcohols, C12-15, ethoxylated	(CAS No) 68131-39-5	7.55	Acute Tox. 4 (Oral), H302
			Eye Dam. 1, H318
			Aquatic Acute 1, H400
			Aquatic Chronic 3, H412

^{*}The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

Get immediate medical advice/attention.

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 60 minutes. Remove contact lenses, if present and easy to do. Continue rinsin

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: May cause respiratory irritation. Causes serious eye damage.

Inhalation: Irritation of the respiratory tract and the other mucous membranes.

Skin Contact: Prolonged exposure may cause skin irritation.

Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

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^{*}More than one of the ranges of concentration prescribed by Controlled Products Regulations has been used where necessary, due varying composition.

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Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Oxides of carbon and sulfur formed if burned, plus unidentified compounds in black smoke.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe vapor, mist or spray. Do not get in eyes, on skin, or on clothing.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Heading 8. Exposure controls and personal protection. See Section 13, Disposal Considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry. Handle in accordance with standard industrial practices, and ensure appropriate ventilation. Avoid all contact with skin, eyes, and clothing. Do not release into the environment. Compatible with standard metals of construction. May soften some plastics.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, and spray. Avoid contact with eyes, skin and clothing. Do not get in eyes, on skin, or on clothing.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

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Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s) Graffiti/Adhesive/Paint Remover.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial government the Mexican government.

8.2. Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Face shield.









Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical goggles or face shield.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State : Liquid

Appearance : Colorless to slight amber

Odor : Characteristic
Odor Threshold : Not available
pH : Neutral in water
Evaporation Rate : Not available
Melting Point : Not available
Freezing Point : Not available

Boiling Point : 154 °C for lowest boiling component (309.2 °F)

Flash Point : $> 150 \,^{\circ}\text{F} \,(>65.56 \,^{\circ}\text{C})$

Auto-ignition Temperature : Not available
Decomposition Temperature : Not available
Flammability (solid, gas) : Not available
Lower Flammable Limit : Not available
Upper Flammable Limit : Not available

Vapor Pressure : 0.49 hPa for SOLVENT BLEND (@ 20 °C)

Relative Vapor Density at 20 °C : Heavier than air (Air =1)

Relative Density : Not available Specific Gravity : 1 approximately

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Water: Partial Solubility Partition Coefficient: N-Octanol/Water Not available Viscosity Not available

Explosive Properties Product is not explosive

Explosion Data – Sensitivity to Mechanical Impact Not expected to present an explosion hazard due to mechanical impact Explosion Data – Sensitivity to Static Discharge: Not expected to present an explosion hazard due to static discharge

165 g/l (per California VOC Regulations) VOC content

SECTION 10: STABILITY AND REACTIVITY

- Reactivity: Hazardous reactions will not occur under normal conditions. 10.1.
- 10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
- Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials. 10.4.
- 10.5. Incompatible Materials: Strong acids, strong bases, strong oxidizers.
- 10.6. Hazardous Decomposition Products: Thermal decomposition generates: Carbon oxides (CCS) WO oxides. Sulfur oxides are toxic.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified LD50 and LC50 Data: Not available Skin Corrosion/Irritation: Not classified

pH: Neutral in water

Serious Eye Damage/Irritation: Causes serious eye damage.

pH: Neutral in water

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): May cause respiratory irritation.

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Irritation of the respiratory tract and the other mucous membranes.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects. Chronic Symptoms: None expected under normal conditions of use.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Dimethyl sulfoxide (67-68-5)		
LD50 Oral Rat	> 20000 mg/kg	
LD50 Dermal Rat	pprox 40000 mg/kg	
Ethyl lactate (97-64-3)		
LD50 Oral Rat	8200 mg/kg	
Pentanedioic acid, 1,5-dimethyl ester (1119	-40-0)	
LD50 Oral Rat	8191 mg/kg	
LC50 Inhalation Rat	> 5.6 mg/l/4h	
Dimethyl adipate (627-93-0)		
LD50 Oral Rat	1920 mg/kg	,

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Alcohols, C12-15, ethoxylated (68131-39-5)		
LD50 Oral Rat	1600 mg/kg	
LD50 Dermal Rabbit	2500 mg/kg	

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Dimethyl sulfoxide (67-68-5)	
LC50 Fish 1	34 g/l (Exposure time: 96 h - Species: Pimephales promelas)
LC 50 Fish 2	33 - 37 g/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
Ethyl lactate (97-64-3)	
LC50 Fish 1	320 mg/l
EC50 Daphnia 1	560 mg/l
ErC50 (algae)	3500 mg/l
Pentanedioic acid, 1,5-dimethyl ester (1119-40-0)	
LC50 Fish 1	19.6 - 26.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	122.1 - 163.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Castor oil, ethoxylated (61791-12-6)	
LC50 Fish 1	> 45 mg/l [Exposure time : 96 hours; Species: Danio rerio]
Alcohols, C12-15, ethoxylated (68131-39-5)	
LC50 Fish 1	0.59 mg/l

12.2. Persistence and Degradability

New Dimensions DISAPPEAR™ Organic Graffiti/Adhesive/Paint Remover	
Persistence and Degradability May cause long-term adverse effects in the environment.	

12.3. Bioaccumulative Potential

New Dimensions DISAPPEAR™ Organic Graffiti/Adhesive/Paint Remover	
Bioaccumulative Potential Not established.	
Dimethyl sulfoxide (67-68-5)	
Log Pow	-2.03

12.4. Mobility in Soil

Not available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Sewage Disposal Recommendations: Do not dispose of waste into sewer. Do not empty into drains.

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology – Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (Alcohols, C12-15 ethoxylat

Dimethyl adipate)

Hazard Class : 9

Identification Number : UN3082

Label Codes : 9
Packing Group : III

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Marine Pollutant : Marine pollutant

ERG Number : 171 14.2. In Accordance with IMDG

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (Alcohols, C12-15 ethoxylat

Dimethyl adipate)

Hazard Class : 9

Identification Number : UN3082

Packing Group : III Label Codes : 9 EmS-No. (Fire) : F-A EmS-No. (Spillage) : S-F



Marine pollutant : Marine pollutant

14.3. In Accordance with IATA

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (Alcohols, C12-15 ethoxylated)

Dimethyl adipate)

Packing Group : III

Identification Number : UN3082

Hazard Class : 9
Label Codes : 9
ERG Code (IATA) : 9L
14.4. In Accordance with TDG



Y2 - Y2 - indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern

Dimethyl adipate)

Packing Group : III Hazard Class : 9

Proper Shipping Name

Identification Number : UN3082

Label Codes : 9

Marine Pollutant (TDG) : Marine pollutant



SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

15.1. US rederal Regulations		
New Dimensions DISAPPEAR™ Organic Graffiti/Adhe	esive/Paint Remover	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard	
Dimethyl sulfoxide (67-68-5)		
Listed on the United States TSCA (Toxic Substances C	Control Act) inventory	
SARA Section 311/312 Hazard Classes	Fire hazard	
Ethyl lactate (97-64-3)		
Listed on the United States TSCA (Toxic Substances C	Control Act) inventory	
Pentanedioic acid, 1,5-dimethyl ester (1119-40-0)		
Listed on the United States TSCA (Toxic Substances C	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 and 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.	
Dimethyl adipate (627-93-0)		
Listed on the United States TSCA (Toxic Substances C	Control Act) inventory	
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.	

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reactants that comprises one of the eligibility criteria for the exemption rule.

Castor oil, ethoxylated (61791-12-6)

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

Alcohols, C12-15, ethoxylated (68131-39-5)

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

15.2. US State Regulations

Dimethyl sulfoxide (67-68-5)

U.S. - New Jersey - Right to Know Hazardous Substance List

Ethyl lactate (97-64-3)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

15.3. Canadian Regulations

New Dimensions DISAPPEAR™ Organic Graffiti/Adhesive/Paint Remover

WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects



Dimethyl sulfoxide (67-68-5)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1 %

WHMIS Classification Class B Division 3 - Combustible Liquid

Ethyl lactate (97-64-3)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class B Division 3 - Combustible Liquid

Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Pentanedioic acid, 1,5-dimethyl ester (1119-40-0)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Uncontrolled product according to WHMIS classification criteria

Dimethyl adipate (627-93-0)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Castor oil, ethoxylated (61791-12-6)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Uncontrolled product according to WHMIS classification criteria

Alcohols, C12-15, ethoxylated (68131-39-5)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION. INCLUDING DATE OF PREPARATION OR LAST REVISION.

Revision Date : 03/20/2020

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA

Hazard Communication Standard 29 CFR 1910.1200.

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GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Comb. Dust	Combustible Dust
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
H227	Combustible liquid
	May form combustible dust concentrations in air
H302	Harmful if swallowed
H318	Causes serious eye damage
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

Party Responsible for the Preparation of This Document

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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 as guaranteeing any specific property of the product.

NA GHS SDS

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