



Leather Cleaner

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

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SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Leather Cleaner
Product code : 4005

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Leather/Interior Cleaner

1.3. Supplier

Manufacturer

Distinctive Details Inc.
1253 Lower Elkton Rd.
Columbiana, OH 44408
T 1-800-711-7021
www.DistinctiveDetailsInc.com

1.4. Emergency telephone number

Emergency number : 1-800-424-9300 (Chemtrec 24 Hr Emergency Line)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS classification

Skin Irrit. 2
Eye Irrit. 2A
Skin Sens. 1

2.2. GHS Label elements, including precautionary statements

GHS labelling

Hazard pictograms (GHS) :



Signal word (GHS) :

Warning

Hazard statements (GHS) :

May cause skin irritation.
May cause an allergic skin reaction. May cause eye irritation.

Precautionary statements (GHS) :

Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash hands, forearms and face thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
If on skin: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

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and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Morpholine	Diethylene Imidoxide, Diethylene Oximide, Diethyleneimide Oxide, Diethylenimide Oxide, Dieyethylene Oximide, Drewamine, 2H-1,4-Oxazine, Tetrahydroxo, 4H-1,4-Oxazine, Tetrahydroxo, 1-OXA-4-AZACYCLOHEXANE, P-ISOXAZINE, TETRAHYDRO-TETRAHYDRO-1,4-OXAZINE TETRAHYDRO-2H-1, 4-OXAZINE, TETRAHYDRO-2H-1,4-OXAZINE, TETRAHYDRO-P-OXAZIN	CAS-No.: 110-91-8	1-3
Oleic Acid	CIS-8-HEPTADECYLENECARBOXYLIC ACID, CIS-9-OCTADECANOIC ACID, CIS-9-OCTADECENOIC ACID, CIS-DELTA(SUP 9)-OCTADECANOIC ACID, CIS-DELTA9-OCTADECENOIC ACID, CIS-OCTADEC-9-ENOIC ACID, 9-CIS-OCTADECENOIC ACID, CIS-OLEIC ACID, DELTA9-CIS-OCTADECENOIC ACID, DELTA9-CIS-OLEIC ACID, 9,10-OCTADECANOIC ACID, 9-OCTADECENOIC ACID (Z)-9-OCTADECENOIC ACID, (Z)-, OLEATE,	CAS-No.: 67701-08-0	3 – 7
Glycol Ether	BUTADIGOL, BUTOXYDIETHYLENE GLYCOL, BUTOXYDIGLYCOL, 2-(2-BUTOXYETHOXY) ETHANOL, 2-(2-BUTOXYETHOXY)ETHANOL, BUTOXYETHOXYETHANOL, BUTYL CARBITOL, BUTYL DIGLYCOL, BUTYL DIGOL, BUTYL DIOXITOL, BUTYL, OXITOL GLYCOL ETHER, DIEHYLENE DB, DIETHYLENE GLYCOL BUTYL ETHER, DIETHYLENE GLYCOL MONO-N-BUTYL ETHER, DIETHYLENE GLYCOL MONOBUTYL ETHER, DIETHYLENE GLYCOL MONOETHYL ETHER, DIETHYLENE GLYCOL N-BUTYL ETHER, DIGLYCOL MONOBUTYL ETHER, 3,6-DIOXA-1-DECANOL	CAS-No.: 112-34-5	1-5
Surfactant Package	D-Glucopyranose, oligomeric, undecyl glycoside	Mixture	1-10

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***Chemical name, CAS number and/or exact concentration have been withheld as a trade secret**

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of Water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3. Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Do not use water jet.

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5.2. Specific hazards arising from the chemical

Fire hazard : Products of combustion may include and are not limited to: oxides of carbon.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation. Spill area may be slippery.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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No additional information available
Morpholine (CAS-No.: 110-91-8)
No additional information available
Oleic Acid (CAS-No.: 67701-08-0)
No additional information available
Glycol Ether (CAS-No.: 112-34-5)
No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Wear suitable gloves resistant to chemical penetration
Eye protection:
Wear eye/face protection
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: No data available.
Colour	: Yellow
Odour	: Leather Odor
Odour threshold	: No data available
pH	: 7.5 – 8.5
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

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

Heat. Incompatible materials.

10.5. Incompatible materials

Strong oxidizers.

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10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified.
Acute toxicity (dermal) : Not classified.
Acute toxicity (inhalation) : Not classified.

Morpholine (CAS-No.: 110-91-8)	
LD50 oral rat	1050 mg/kg
LD50 dermal rabbit	310 mg/kg
Oleic Acid (CAS-No.: 67701-08-0)	
LD50 oral rat	> 25,0000 mg/kg
LD50 dermal rat	No Data Available
LD50 dermal rabbit	No Data Available
Glycol Ether (CAS-No.: 112-34-5)	
LD50 oral rat	3,305 mg/kg
LD50 Mouse	2,410 mg/kg

Skin corrosion/irritation : Causes skin irritation.
pH: 7.5 – 8.5
Serious eye damage/irritation : Not classified
pH: 7.5 – 8.5
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified.
Carcinogenicity : Not classified.
Reproductive toxicity : Not classified.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not classified.

Morpholine (CAS-No.: 110-91-8)	
LC50 - Fish [1]	LC50: > 1000 mg/L, 96h static (Brachydanio rerio) LC50: 375 - 460 mg/L, 96h (Oncorhynchus mykiss) LC50: = 350 mg/L, 96h static (Lepomis macrochirus)
EC50 – Freshwater Algae	EC50: = 28 mg/L, 96h static (Pseudokirchneriella subcapitata)
EC50 - Microtox	EC50 = 57.0 mg/L 30 min
Persistence and Degradability	Soluble in water Persistence is unlikely based on information available.
Bioaccumulation/ Accumulation	No information available.
Mobility in soil	Will likely be mobile in the environment due to its water solubility.

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Oleic Acid (CAS-No.: 67701-08-0)	
LC50 - Fish [1]	Pimephales promelas (fathead minnow) - 205 mg/l - 96 h Remarks: (ECOTOX Database)
EC50 – Daphnia and other aquatic invertebrates	EC50 - Daphnia - > 2.8 mg/l - 48 h (OECD Test Guideline 202) Remarks: (above the solubility limit in the test medium)
Persistence and Degradability	No information available.
Bioaccumulation/ Accumulation	No information available.
Mobility in soil	No information available.
Glycol Ether (CAS-No.: 112-34-5)	
LC50 - Fish [1]	Acute toxicity to fish Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested). Page 8 of 11 LC50, Lepomis macrochirus (Bluegill sunfish), static test, 96 Hour, 1,300 mg/l, OECD Test Guideline 203 or Equivalent
EC50 – Daphnia Magna (Water Flea)	EC50, Daphnia magna (Water flea), static test, 48 Hour, > 100 mg/l, OECD Test Guideline 202 or Equivalent
EC50 – Freshwater Algae	EC50, alga Scenedesmus sp., static test, 96 Hour, Growth rate inhibition, > 100 mg/l, OECD Test Guideline 201 or Equivalent ErC50, alga Scenedesmus sp., static test, 96 Hour, Biomass, > 100 mg/l, OECD Test Guideline 201 or Equivalent
EC50 - Bacteria	EC50, Bacteria, static test, 255 mg/l
Persistence and Degradability	Biodegradability: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability. 10-day Window: Not applicable Biodegradation: 89 - 93 % Exposure time: 28 d Method: OECD Test Guideline 301C or Equivalent 10-day Window: Not applicable Biodegradation: 100 % Exposure time: 28 d Method: OECD Test Guideline 302B or Equivalent Theoretical Oxygen Demand: 2.17 mg/mg Biological oxygen demand (BOD) Incubation Time BOD 5 d 27 % 10 d 60 % 20 d 81 % Photodegradation Test Type: Half-life (indirect photolysis) Sensitizer: OH radicals Atmospheric half-life: 11 Hour Method: Estimated.
Bioaccumulation/ Accumulation	Bioaccumulation: Bioconcentration potential is low (BCF < 100 or Log Pow < 3). Partition coefficient: n-octanol/water(log Pow): 1 Measured
Mobility in soil	Given its very low Henry's constant, volatilization from natural bodies of water or moist soil is not expected to be an important fate process. Potential for mobility in soil is very high (Koc between 0 and 50).

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SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local, regional, national and/or international regulation.

SECTION 14: Transport information

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name : Not applicable

14.3. Transport hazard class(es)

Department of Transportation (DOT) and Transportation of Dangerous Goods (TDG)

Not regulated by US DOT or Canadian TDG

14.4. Packing group

Packing group : Not applicable

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14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Morpholine (CAS-No.: 110-91-8)

EPA TSCA Regulatory Flag	Listed on the United States TSCA (Toxic Substances Control Act) inventory SARA Section 311/312 Hazard Classes Immediate (acute) health hazard Fire hazard All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory
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Oleic Acid (CAS-No.: 67701-08-0)

TSCA	TSCA-listed, EINECS-listed (204-007-1).
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Glycol Ether (CAS-No.: 112-34-5)

EPA TSCA Regulatory Flag	US FEDERAL TSCA CAS# 112-34-5 is listed on the TSCA inventory. Health & Safety Reporting List None of the chemicals are on the Health & Safety Reporting List. Chemical Test Rules CAS# 112-34-5: Testing required by: manufacturers; importers; process Section 12b CAS# 112-34-5: 4/12b TSCA Significant New Use Rule None of the chemicals in this material have a SNUR under TSCA. SARA Section 302 (RQ) None of the chemicals in this material have an RQ. Section 302 (TPQ) None of the chemicals in this product have a TPQ. SARA Codes CAS # 112-34-5: acute, chronic, reactive. Section 313 This material contains Diethylene glycol monobutyl ether (listed as ** undefined **), 100 0%, (CAS# 112-34-5) which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 372. Clean Air Act: CAS# 112-34-5 listed as ** no name ** is listed as a hazardous air pollutant (HAP). This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters. Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA. OSHA: None of the chemicals in this product are considered highly hazardous by OSHA. STATE Diethylene glycol monobutyl et can be found on the following state right to know lists: Pennsylvania, (listed as ** no name **). California No Significant Risk Level: None of the chemicals in this product are listed. European/International Regulations European Labeling in Accordance with EC Directives Hazard Symbols: XI Risk Phrases: R 36 Irritating to eyes. Safety Phrases: S 24 Avoid contact with skin. S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. WGK (Water Danger/Protection) CAS# 112-34-5: 1 United Kingdom Occupational Exposure Limits Canada CAS# 112-34-5 is listed on Canada's DSL List. This product has a WHMIS classification of B3, D2B
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All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

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15.3. US State regulations

Component	State or local regulations
Morpholine (CAS-No.: 110-91-8)	Massachusetts Right to know Components: Morpholine CAS No. 108-91-8 Pennsylvania Right to know Components: Morpholine CAS No. 108-91-8 New Jersey Right to know Components: Morpholine CAS No. 108-91-8 California Proposition 65 Components: This product does contain less than 1% of a chemical known to the state of California to cause birth defects or other productive harm:
Oleic Acid (CAS-No.: 67701-08-0)	Massachusetts Right to Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components Oleic acid CAS-No. 112-80-1 Revision Date 1989-08-11
Glycol Ether (CAS-No.: 112-34-5)	Diethylene glycol monobutyl et can be found on the following state right to know lists: Pennsylvania, (listed as ** no name **). California No Significant Risk Level:

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SECTION 16: Other information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Revision date : 06/28/2023

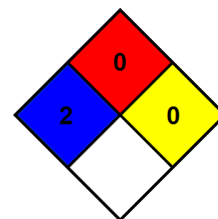
Other information : None.

Full text of H-statements	
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.



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Warning

May cause skin irritation. May cause an allergic skin reaction. May cause eye irritation.

Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Manufacturer

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