

Leather and Vinyl Cleaner

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 08/12/2014

Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
 Trade name : Leather and Vinyl Cleaner
 Product code : C053-C

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Leather and vinyl cleaner

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Harris Research, Inc. 1530 North 1000 West Logan, UT 84321 USA 1-435-755-0099 1-800-424-9300 1-703-527-3887	Denmark, Norway, Sweden Chem-Dry Nordic Aps Munkegaardsvej 21 Kivstgaard, 3490 45-48-14-44-18 th@chemdry.dk	Chem-Dry France Parc d'activites "Le Prieure" RuePaulin Viry 37530 Poce-sur-Cisse +33 761 8906 79 a.baba@chemdry-france.fr
Chem-Dry of Ireland LTD Unit 30 Tolka Valley Business Park Ballyboggan Road, Glasnevin Dublin, DN011 353 1 830 3940 john@chemdry.ie	Chem-Dry Luxembourg S.A. Rue De La Continentale Zac Zaemer Bascharage, L-4917 652 26 35 00 20 info@chemdry.lu	Netherlands, Belgium, Germany Chem-Dry Netherlands BV Vijfhuizenberg 127 Roosendaal, 4708 AJ 31(0)165-570 610 info@chemdry.nl
Portugal/Angola Ambiclean-Limpeza De Alcatifas, LDA Rua Samaora Machel N 3-D Urbanizacoa Alto Da Eira Sta Iria Da Azoia, 2695-395 351 21 953 00 33 info@chemdryportugal.com	Switzerland/Lichtenstein Chem-Dry Switzerland Kellerhofstrasse 11 Elgg, 8353 (41)523643031 liz.prohaska@procamed.ch	UK/England/Scotland/Wales Chem-Dry® Franchising Ltd. Belprin Road Beverley, East Yorkshire HU17 0LP 44 01482 678 645 e.info@chemdry.co.uk

1.4. Emergency telephone number

Emergency number : Chemtrec (800) 424-9300
 Chemtrec (Outside USA) +1 703-527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315
 Eye Irrit. 2 H319
 Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xi; R36/38

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H315 - Causes skin irritation
H319 - Causes serious eye irritation
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (CLP) :

P264 - Wash hands thoroughly after handling
P273 - Avoid release to the environment
P280 - Wear eye protection, protective gloves, protective clothing
P302+P352 - IF ON SKIN: Wash with plenty of water
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P321 - Specific treatment (see on this label)
P332+P313 - If skin irritation occurs: Get medical advice/attention
P337+P313 - If eye irritation persists: get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse
P501 - Dispose of contents/container to comply with applicable local, national and international regulation.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Nonylphenol ethoxylates	(CAS No) 9016-45-9 (EC no) 500-024-6	< 5	Not classified
Sodium hydroxide	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6	< 1	C; R35 Xi; R41

Name	Product identifier	Specific concentration limits
Sodium hydroxide	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6	(0.5 =< C < 2) Xi;R36/38 (2 =< C < 5) C;R34 (C >= 5) C;R35

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Nonylphenol ethoxylates	(CAS No) 9016-45-9 (EC no) 500-024-6	< 5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411
Sodium hydroxide	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6	< 1	Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Eye Dam. 1, H318

Name	Product identifier	Specific concentration limits
Sodium hydroxide	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6	(0.5 =< C < 2) Eye Irrit. 2, H319 (0.5 =< C < 2) Skin Irrit. 2, H315 (2 =< C < 5) Skin Corr. 1B, H314 (C >= 5) Skin Corr. 1A, H314

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

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

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. by trained personnel. In all cases of doubt, or when symptoms persist, seek medical advice.

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First-aid measures after skin contact	: Rinse and then wash skin thoroughly with water and soap. Remove/Take off immediately all contaminated clothing. If skin feels slippery, product may still be present. Continue washing until slick feeling is gone. Seek medical attention if irritation develops.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Ingestion is not considered a potential route of exposure. If swallowed, rinse mouth with water (only if the person is conscious). Call a POISON CENTER or doctor/physician. Do not induce vomiting. If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. Get medical advice/ attention.

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

Symptoms/injuries after inhalation	: May cause irritation to the respiratory tract and to other mucous membranes.
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Causes serious eye damage. Burning sensation.
Symptoms/injuries after ingestion	: Ingestion may cause immediate pain and severe burns of the mucous membranes.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire. Use dry chemical, foam, carbon dioxide or water fog.
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5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Evacuate the personnel away from the fumes.
Protective equipment for firefighters	: Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus.
Other information	: Thermal decomposition generates : carbon oxides (CO and CO ₂).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Avoid breathing dust, mist or spray.
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6.1.1. For non-emergency personnel

Protective equipment	: Refer to section 8. Avoid contact with the skin and the eyes.
Emergency procedures	: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Evacuate unnecessary personnel. Ventilate area.

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	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Contain and/or absorb spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Store away from other materials. Ensure all national/local regulations are observed. Consult the appropriate authorities about waste disposal. Dilute residue with water. Dispose of waste according to applicable legislation. Avoid contact with eyes, skin and clothing.
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6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Obtain special instructions before use. Work in a well-ventilated area. Keep away from heat and direct sunlight. Avoid breathing dust, mist or spray. Avoid contact with eyes, skin, and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
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7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: A washing facility/water for eye and skin cleaning purposes should be present. Provide local exhaust to maintain dust levels below exposure limits.
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Storage conditions	: Keep locked up and out of reach of children. Keep only in the original container in a cool well ventilated place. Store in dry protected location to prevent any moisture contact. Avoid Freezing. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Incompatible materials	: Acids, soft metals, oxidizers, organic halogen compounds. Contact with some metals such as magnesium, aluminum, zinc (galvanized), tin, chromium, brass and bronze may generate hydrogen. Reacts violently with acids liberating irritating gas. May evolve flammable hydrogen gas on contact with soft metals.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Sodium hydroxide (1310-73-2)		
Austria	MAK (mg/m ³)	2 mg/m ³ (einatembare Fraktion)
Austria	MAK Short time value (mg/m ³)	4 mg/m ³ max. 8x5 min./Schicht
Bulgaria	OEL TWA (mg/m ³)	2.0 mg/m ³ (aerosol)
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	2 mg/m ³
Czech Republic	Expoziční limity (PEL) (mg/m ³)	1 mg/m ³
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	2 mg/m ³
Denmark	Grænseværdie (langvarig) (mg/m ³)	2 mg/m ³
Estonia	OEL TWA (mg/m ³)	1 mg/m ³
Estonia	OEL Ceiling (mg/m ³)	2 mg/m ³
Finland	HTP-arvo (15 min)	2 mg/m ³
Finland	OEL Ceiling (mg/m ³)	2 mg/m ³
France	VME (mg/m ³)	2 mg/m ³
France	VLE (mg/m ³)	2 mg/m ³
Greece	OEL TWA (mg/m ³)	2 mg/m ³
Greece	OEL STEL (mg/m ³)	2 mg/m ³
Hungary	AK-érték	2 mg/m ³
Hungary	CK-érték	2 mg/m ³
Hungary	MK-érték	2 mg/m ³
Ireland	OEL (15 min ref) (mg/m ³)	2 mg/m ³
Italy	OEL STEL (mg/m ³)	2 mg/m ³
Latvia	OEL TWA (mg/m ³)	0.5 mg/m ³
Lithuania	NRV (mg/m ³)	2 mg/m ³
Poland	NDS (mg/m ³)	0.5 mg/m ³
Poland	NDSch (mg/m ³)	1 mg/m ³
Poland	NDSP (mg/m ³)	1 mg/m ³
Portugal	OEL - Ceilings (mg/m ³)	2 mg/m ³
Slovakia	NPHV (priemerná) (mg/m ³)	2 mg/m ³
Slovenia	OEL TWA (mg/m ³)	2 mg/m ³ (inhalable fraction)
Slovenia	OEL STEL (mg/m ³)	2 mg/m ³ (inhalable fraction)
Spain	VLA-EC (mg/m ³)	2 mg/m ³
Sweden	nivågränsvärde (NVG) (mg/m ³)	1
Sweden	takgränsvärde (TGV) (mg/m ³)	2
United Kingdom	WEL STEL (mg/m ³)	2 mg/m ³
Norway	Gjennomsnittsverdier (Takverdi) (mg/m ³)	2 mg/m ³
Switzerland	VME (mg/m ³)	2 mg/m ³
Switzerland	VLE (mg/m ³)	2 mg/m ³
Switzerland	Remark (CH)	(einatembarer Staub)

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. Provide local exhaust or general room ventilation to minimize exposure to dust.
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Personal protective equipment : Avoid all unnecessary exposure. The following pictograms represent the minimum requirements for personal protective equipment. Personal protective equipment should be selected based upon the conditions under which this product is handled or used. Protective goggles. Protective clothing. Gloves.



Hand protection : Wear protective gloves. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Eye protection : Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection : Wear suitable protective clothing. Wear protective shoes.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear.
Colour	: Dark tan.
Odour	: Odourless.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: 0 °C (32 °F)
Boiling point	: 100 °C (212 °F)
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 760 mm Hg
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.02 Specific Gravity
Solubility	: Water: completely soluble
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content : 0 Percent Volatiles

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable at normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

keep away from incompatible materials. Avoid Freezing. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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10.5. Incompatible materials

Acids, soft metals, oxidizers, organic halogen compounds. Contact with some metals such as magnesium, aluminum, zinc (galvanized), tin, chromium, brass and bronze may generate hydrogen. Reacts violently with acids liberating irritating gas. May evolve flammable hydrogen gas on contact with soft metals.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Sodium hydroxide (1310-73-2)

LD50 dermal rabbit	1350 mg/kg
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Nonylphenol ethoxylates (9016-45-9)

LD50 oral rat	1310 mg/kg
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LD50 dermal rabbit	1780 µl/kg
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Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : Not classified
Based on available data, the classification criteria are not met.
Germ cell mutagenicity : Not classified
Based on available data, the classification criteria are not met.
Carcinogenicity : Not classified
Based on available data, the classification criteria are not met.
Reproductive toxicity : Not classified
Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure) : Not classified
Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure) : Not classified
Based on available data, the classification criteria are not met.
Aspiration hazard : Not classified
Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

Sodium hydroxide (1310-73-2)

LC50 fishes 1	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
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12.2. Persistence and degradability

Leather and Vinyl Cleaner

Persistence and degradability	May cause long-term adverse effects in the environment.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

: Avoid release to the environment

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Neutralise slowly product with a weak acid (such as vinegar) by trained personnel. Dispose of waste in accordance with local regulations. Consult the appropriate local waste disposal expert about waste disposal.

Additional information : Empty container retains product residue.

Ecology - waste materials : Avoid release to the environment. Prevent contamination of soil, drains and surface waters.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / AND

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

No additional information available

14.3. Transport hazard class(es)

No additional information available

14.4. Packing group

No additional information available

14.5. Environmental hazards

Other information : No supplementary information available

14.6. Special precautions for user

No additional information available

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. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Leather and Vinyl Cleaner
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Contains no substance on the REACH candidate list

VOC content : 0 Percent Volatiles

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Sources of Key data : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Irrit. 2	Skin corrosion/irritation Category 2
H302	Harmful if swallowed

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H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
R35	Causes severe burns
R36/38	Irritating to eyes and skin
R41	Risk of serious damage to eyes
C	Corrosive
Xi	Irritant

SDS EU (REACH Annex II)

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