

LIMPIA SALPICADEROS

Version number: GHS 1.0

Date of compilation: 2015-05-29

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

1.1 Product identifier

Trade name	Limpia Salpicaderos
Registration number (REACH)	not relevant (mixture)

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

Relevant identified uses	Silicon dashboard shiner professional use
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1.3 Details of the supplier of the safety data sheet

3RG INDUSTRIAL AUTO SL
 Pol. Ind. Las avetardas C/Feldespató 31 45220 Yeles
 (Toledo)
 Spain
 Telephone: +34 925 54 59 16 Telefax: +30 925 54 59
 20
 e-mail: info@3rgindustrial.com Website: http://
 www.3rgindustrial.com

Emergency telephone number

Emergency numbers (poison control centres):

1.4

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

GHS chapter	-	Hazard class and category	-	Hazard statement code(s)
2.3	flammable aerosols	Cat. 1	(Flam. Aerosol 1)	H222,H229
3.2	skin corrosion/irritation	Cat. 2	(Skin Irrit. 2)	H315
3.7	reproductive toxicity	Cat. 2	(Repr. 2)	H361
3.8D	specific target organ toxicity - single exposure (narcotic effects, drowsiness)	Cat. 3	(STOT SE 3)	H336
3.9	specific target organ toxicity - repeated exposure	Cat. 2	(STOT RE 2)	H373
4.1C	hazardous to the aquatic environment - chronic hazard	Cat. 2	(Aquatic Chronic 2)	H411

Remarks

For full text of H-phrases: see SECTION 16.

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The most important adverse physicochemical, human health and environmental effects

Delayed or immediate effects can be expected after short or long-term exposure. Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

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

Signal word **Danger**

Pictograms

GHS02, GHS07,
GHS08, GHS09



Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurized container: may burst if heated.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure (if inhaled).
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

Precautionary statements - general

P102	Keep out of reach of children.
P103	Read label before use.

Precautionary statements - prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P281	Use personal protective equipment as required.

Precautionary statements - storage

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Precautionary statements - disposal

P501	Dispose of contents / container to hazardous wastes collection points or special waste collection points in accordance with local, regional and national regulations.
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Hazardous ingredients for labelling:

Hydrocarbons, C6, n-alkanes, iso-alkanes, cyclics, n-hexane rich

2.3 Other hazards

Repeated exposure may cause skin dryness or cracking.

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SECTION 3: Composition/information on ingredients

3.1 Substances

not relevant (mixture)

3.2 Mixtures

Description of the mixture

Name of substance	Identifier	vol%	Classification acc. to 1272/2008/EC	Pictograms	Classification acc. to 67/548/EEC	Symbols
Hydrocarbons, C6, n-alkanes, iso-alkanes, cyclics, n-hexane rich	CAS No 93165-19-6 EC No 925-292-5	50 - < 75	Flam. Liq. 2 / H225 Skin Irrit. 2 / H315 Repr. 2 / H361 STOT SE 3 / H336 STOT RE 2 / H373 Asp. Tox. 1 / H304 Aquatic Chronic 2 / H411		highly flammable; F; R11 harmful; Xn; R48/20-65 irritant; Xi; R38 toxic for reproduction; Repr. Cat. 3; R62 R67 dangerous for the environment; N; R51-53	
carbon dioxide	CAS No 124-38-9 EC No 204-696-9	25 - < 50	Press. Gas L / H280			

For full text of abbreviations: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Avoid contact with eyes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Narcotic effects.

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4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

foam, carbon monoxide (CO), fire extinguishing powder

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Flammable vapors. Hazardous combustion products:

The products of incomplete combustion and thermolysis may be carbon monoxide, carbon dioxide, hydrocarbons, aldehydes and smoke. The inhalation of vapors is very dangerous. Combustion residues and contaminated firefighting water should be disposed in accordance with local laws.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Evacuate the danger area at least 50 meters in all directions, depending on the releasing quantity. Keep away the uninvolved staff. Stay on the side from which the wind is blowing. Remove persons to safety. Ventilate affected area. Provision of sufficient ventilation.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases. Warning and evacuating people in the neighbourhood.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill

Covering of drains.

Advices on how to clean up a spill

Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

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Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- **Measures to prevent fire as well as aerosol and dust generation**

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- **Flammability hazards**

Do not spray on an open flame or other ignition source. Protect from sunlight.

Incompatible substances or mixtures

Observe hints for combined storage.

Consideration of other advice

- **Packaging compatibilities**

Keep only in original container. Suitable packaging materials: steel, stainless steel.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Source
EU	carbon dioxide	124-38-9	IOELV	50	221	100	442	2006/15/EC
UK	carbon dioxide	124-38-9	WEL	5,000	9,150	15,000	27,400	EH40/2005
UK	cycloalkanes (>C7)	93165-19-6	WEL		800			EH40/2005
UK	normal and branched chain alkanes (>C7)	93165-19-6	WEL		1,200			EH40/2005
UK	normal and branched chain alkanes (C5-C6)	93165-19-6	WEL		1,800			EH40/2005

Notation

- STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified
- TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average

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Relevant DNELs/DMELs/PNECs and other threshold levels

• relevant DNELs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Hydrocarbons, C6, n-alkanes, iso-alkanes, cyclics, n-hexane rich	93165-19-6	DNEL	13 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
Hydrocarbons, C6, n-alkanes, iso-alkanes, cyclics, n-hexane rich	93165-19-6	DNEL	93 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Hydrocarbons, C6, n-alkanes, iso-alkanes, cyclics, n-hexane rich	93165-19-6	DNEL	6 mg/kg	human, oral	consumer (private households)	chronic - systemic effects
Hydrocarbons, C6, n-alkanes, iso-alkanes, cyclics, n-hexane rich	93165-19-6	DNEL	7 mg/kg	human, dermal	consumer (private households)	chronic - systemic effects
Hydrocarbons, C6, n-alkanes, iso-alkanes, cyclics, n-hexane rich	93165-19-6	DNEL	20 mg/m ³	human, inhalatory	consumer (private households)	chronic - systemic effects

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Safety glasses with side-shields (frame goggles) (EN 166).

Skin protection

Chemical protection gloves are suitable, which are tested according to EN 374.

• other protection measures

Wash hands thoroughly after handling. Protective clothing against liquid and gaseous chemicals, including liquid aerosols and solid particles. Footwear protecting against chemicals.

Respiratory protection

During spraying wear suitable respiratory equipment. Type: AX (gas filters and combined filters against low-boiling point organic compounds, colour code: Brown). Type: A-P2 (combined filters against particles and organic gases and vapours, colour code: Blue/White).

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	aerosol (spray aerosol)
Colour	different
Odour	characteristic

Other physical and chemical parameters

pH (value)	
Melting point/freezing point	not determined
Initial boiling point and boiling range	65 °C at 100 kPa
Flash point	<-35 °C at 1 atm
Evaporation rate	not determined
Flammability (solid, gas)	Flammable aerosol in accordance with GHS criteria
Explosive limits	not determined
Vapour pressure	not determined
Density	not determined
Relative density	Information on this property is not available.
Solubility(ies)	not determined
Partition coefficient	
n-octanol/water (log KOW)	This information is not available.
Auto-ignition temperature	300 °C
Viscosity	not relevant (aerosol)
Explosive properties	none
Oxidising properties	none

9.2 Other information

Solvent content	54.54 %
Solid content	0 %
propellant content	40 %

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SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s): risk of ignition

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Do not spray on an open flame or other ignition source. - Keep away from heat.

Hints to prevent fire or explosion

Protect from sunlight.

Physical stresses which might result in a hazardous situation and have to be avoided

high temperatures - static electricity

10.5 Incompatible materials

oxidisers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Causes skin irritation.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Summary of evaluation of the CMR properties

Suspected of damaging the unborn child.

Suspected of damaging fertility.

Shall not be classified as germ cell mutagenic.

Shall not be classified as carcinogenic.

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Specific target organ toxicity (STOT)

- **Specific target organ toxicity - single exposure**

May cause drowsiness or dizziness.

- **Specific target organ toxicity - repeated exposure**

May cause damage to organs through prolonged or repeated exposure (if inhaled).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Toxic to aquatic life.

Aquatic toxicity (chronic)

May cause long-term adverse effects in the aquatic environment.

12.2 Process of degradability

Tests for this parameter is not applicable to UVCB substances.

12.3 Bioaccumulative potential

Bioaccumulative potential of components of the mixture

Name of substance	CAS No	BCF	Log KOW	BOD5/COD
Hydrocarbons, C6, n-alkanes, iso-alkanes, cyclics, n-hexane rich	93165-19-6	501.2		

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

The hydrocarbon substances do not meet the criteria for persistence, bioaccumulation and toxicity and hence the product is not considered to be PBT or vPvB.

12.6 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains.

13.2 Waste treatment of containers/packagings

List of wastes

16 05 04x Gases in pressure containers (including halons) containing dangerous substances

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13.3 Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1	UN number	1950
14.2	UN proper shipping name	AEROSOLS
14.3	Transport hazard class(es)	
	Class	2 (gases)
	Subsidiary risk(s)	flammability
14.4	Packing group	not assigned to a packing group
14.5	Environmental hazards	hazardous to the aquatic environment (Hydrocarbons, C6, n-alkanes, iso-alkanes, cyclics, n-hexane rich)
14.6	Special precautions for user	
	Provisions for dangerous goods (ADR) should be complied within the premises.	
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	
	The cargo is not intended to be carried in bulk.	
14.8	Information for each of the UN Model Regulations	
	• Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)	
	UN number	1950
	Proper shipping name	AEROSOLS
	Class	2
	Classification code	5F
	Danger label(s)	2.1
		
	Environmental hazards	yes (hazardous to the aquatic environment)
	Special provisions (SP)	190, 327, 344, 625
	Excepted quantities (EQ)	E0
	Limited quantities (LQ)	1 L
	Transport category (TC)	2
	Tunnel restriction code (TRC)	D
	• International Maritime Dangerous Goods Code (IMDG)	
	UN number	1950
	Proper shipping name	AEROSOLS
	Class	2.1
	Marine pollutant	yes (hazardous to the aquatic environment)
	Danger label(s)	2.1

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Special provisions (SP)	63, 190, 277, 327, 344, 959
Excepted quantities (EQ)	E0
Limited quantities (LQ)	1 L
EmS	F-D, S-U
• International Civil Aviation Organization (ICAO-IATA/DGR)	
UN number	1950
Proper shipping name	Aerosols, flammable
Class	2.1
Environmental hazards	yes (hazardous to the aquatic environment)
Danger label(s)	2.1



Special provisions (SP)	A145, A167
Excepted quantities (EQ)	E0
Limited quantities (LQ)	30 kg

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

- Directive 75/324/EEC relating to aerosol dispensers

Classification of the gas/aerosol Extremely flammable

Labelling

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C
Do not pierce or burn, even after use
Do not spray on a naked flame or any incandescent material
Keep out of the reach of children
Keep away from sources of ignition - No smoking

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

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SECTION 16: Other information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
2006/15/EC	Comission Directive establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
Aquatic Chronic	hazardous to the aquatic environment - chronic hazard
Asp. Tox.	aspiration hazard
BCF	BioConcentration Factor
BOD	Biochemical Oxygen Demand
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
COD	chemical oxygen demand
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EH40/2005	EH40/2005 Workplace exposure limits, Table 1: List of approved workplace exposure limits (http://www.nationalarchives.gov.uk/doc/open-government-licence/)
EmS	Emergency Schedule
F+	extremely flammable
Flam. Liq.	flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
log KOW	n-octanol/water
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
N	dangerous for the environment
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	parts per million
Press. Gas	gas under pressure
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
Repr.	reproductive toxicity

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Abbr.	Descriptions of used abbreviations
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	corrosive to skin
Skin Irrit.	irritant to skin
STOT RE	specific target organ toxicity - repeated exposure
STOT SE	specific target organ toxicity - single exposure
vPvB	very Persistent and very Bioaccumulative
Xi	irritant
Xn	harmful

Key literature references and sources for data

- Regulation (EC) No. 1907/2006 (REACH), amended by 453/2010/EU
- Regulation (EC) No. 1272/2008 (CLP, EU GHS)

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards/environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H222	extremely flammable aerosol
H225	highly flammable liquid and vapour
H229	pressurized container: may burst if heated
H280	contains gas under pressure; may explode if heated
H304	may be fatal if swallowed and enters airways
H315	causes skin irritation
H336	may cause drowsiness or dizziness
H361	suspected of damaging fertility or the unborn child
H373	may cause damage to organs through prolonged or repeated exposure (if inhaled)
H411	toxic to aquatic life with long lasting effects
R11	highly flammable
R38	irritating to skin
R48/20	harmful: danger of serious damage to health by prolonged exposure through inhalation
R51/53	toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R62	possible risk of impaired fertility
R65	harmful: may cause lung damage if swallowed
R67	vapours may cause drowsiness and dizziness