

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: 09/10/2020 Date of issue: 21/10/2014

Version: 3.0

SECTION 1: Identification of the Substance/mixture and of the Company/Undertaking

1.1. Product Identifier

Product form Mixture
Product Name PSA-1270

Synonyms Silicone Dispersion

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 For professional use only.

1.2.2. Uses Advised Against

No additional information available

1.3. Details of the Supplier of the Safety Data Sheet

NuSil Technology Europe 1198 Avenue Maurice Donat Le Natura Bt. 2 06250 Mougins

France

+33 4 92 96 93 31 ehs@nusil.com www.nusil.com

1.4. Emergency Telephone Number

Emergency Number : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC

(International and Maritime)

+(44)-870-8200418 +(353)-19014670

SECTION 2: Hazards Identification

2.1. Classification of the Substance or Mixture

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

Flam. Liq. 2 H225 STOT SE 3 H336 Asp. Tox. 1 H304 Aquatic Chronic 2 H411

Full text of hazard classes and H-statements: see section 16

2.2. Label Elements

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

Hazard Pictograms (CLP)







Signal Word (CLP) Danger

Hazard Statements (CLP) H225 - Highly flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

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According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statements (CLP)

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.

P240 - Ground and bond container and receiving equipment.

P241 - Use explosion-proof electrical, ventilating, and lighting equipment.

P242 - Use non-sparking tools.

P243 - Take action to prevent static discharges.

P261 - Avoid breathing mist, spray, vapours

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

P273 - Avoid release to the environment.

P280 - Wear eye protection, face protection, protective clothing, protective gloves

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 - Call a POISON CENTRE or doctor if you feel unwell.

P331 - Do NOT induce vomiting.

P370+P378 - In case of fire: Use carbon dioxide (CO2), alcohol resistant foam, dry extinguishing powder to extinguish

P391 - Collect spillage.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH066 - Repeated exposure may cause skin dryness or cracking.

EUH-statements

2.3. Other Hazards

Other Hazards Not Contributing to the Classification

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

SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product Identifier	%	Classification According to Regulation (EC) No. 1272/2008
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	(CAS-No.) Not available (REACH Registration No.) 01-2119473851-33 (EC-No.) 920-750-0	100	[CLP] Flam. Liq. 2, H225 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

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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 When symptoms occur: go into open air and ventilate

Inhalation suspected area. Obtain medical attention if breathing difficulty

persists.

First-Aid Measures After Skin

Contact

Immediately remove contaminated clothing. Drench affected

area with water for at least 15 minutes. Obtain medical

attention if irritation develops or persists.

First-Aid Measures After Eye

Contact

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

Do NOT induce vomiting. Rinse mouth. Immediately call a

First-Aid Measures After Do NOT induce vomiting. Rinse mouth. Imm

Ingestion POISON CENTER or doctor/physician.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Effects May cause drowsiness and dizziness. May be fatal if swallowed

and enters airways.

Symptoms/Effects After

Inhalation

High concentrations may cause central nervous system

depression such as dizziness, vomiting, numbness, drowsiness,

headache, and similar narcotic symptoms. Prolonged exposure may cause skin irritation.

Symptoms/Effects After Skin

Contact

Symptoms/Effects After Eye

Contact

May cause slight irritation to eyes.

Symptoms/Effects After

Ingestion

Aspiration into the lungs can occur during ingestion or vomiting

and may cause lung injury.

Chronic Symptoms Repeated exposure may cause skin dryness or cracking.

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: Firefighting Measures

5.1. Extinguishing Media

Suitable Extinguishing Media Water spray, fog, carbon dioxide (CO2), alcohol-resistant foam,

or dry chemical.

Unsuitable Extinguishing Media Do not use a heavy water stream. A heavy water stream may

spread burning liquid. Application of water stream to hot product may cause frothing and increase fire intensity.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard Highly flammable liquid and vapour. Vapours are heavier than

air and may travel considerable distance to an ignition source

and flash back to source of vapours.

Explosion Hazard May form flammable or explosive vapour-air mixture. Heating

will cause rise in pressure with risk of bursting

Reactivity Reacts violently with strong oxidisers. Increased risk of fire or

explosion.

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According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Hazardous Decomposition Products in Case of Fire

Carbon oxides (CO, CO₂). Hydrocarbons.

5.3. Advice for Firefighters

Precautionary Measures Fire Firefighting Instructions

Exercise caution when fighting any chemical fire.

Use water spray or fog for cooling exposed containers. In case

of major fire and large quantities: Evacuate area. Fight fire

remotely due to the risk of explosion.

Protection During Firefighting Do not ent

Do not enter fire area without proper protective equipment,

including respiratory protection.

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

courses.

SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures Avoid breathing (vapor, mist, spray). Avoid all contact with skin,

eyes, or clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use

special care to avoid static electric charges.

6.1.1. For Non-Emergency Personnel

Protective Equipment
Emergency Procedures

Use appropriate personal protective equipment (PPE). Evacuate unnecessary personnel. Stop leak if safe to do so.

6.1.2. For Emergency Responders

Protective Equipment Emergency Procedures

Equip cleanup crew with proper protection.

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. Ventilate area.

Eliminate ignition sources.

6.2. Environmental Precautions

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

6.3. Methods and Materials for Containment and Cleaning Up

For Containment Contain any spills with dikes or absorbents to prevent migration

and entry into sewers or streams. As an immediate

precautionary measure, isolate spill or leak area in all directions.

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. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-

sparking tools.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling And Storage

7.1. Precautions for Safe Handling

Additional Hazards When

Processed

As a result of flow, agitation, etc, electrostatic charges can be generated. Handle empty containers with care because

residual vapours are flammable.

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Hygiene Measures

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Precautions for Safe Handling Avoid prolonged contact with eyes, skin and clothing. Avoid

> breathing vapors, mist, spray. Take precautionary measures against static discharge. Use only non-sparking tools. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety

procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Comply with applicable regulations. Take action to prevent **Technical Measures**

> static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and

lighting equipment.

Storage Conditions Store in a dry, cool place. Keep/Store away from direct sunlight,

> extremely high or low temperatures and incompatible materials. Store locked up/in a secure area. Store in a wellventilated place. Keep container tightly closed. Keep in

fireproof place. Strong oxidizers.

Incompatible Materials

Specific End Use(S) For professional use only.

SECTION 8: Exposure Controls/Personal Protection

8.1. **Control Parameters**

No additional information available

8.2. **Exposure Controls**

Hand Protection

Eye Protection

Appropriate Engineering Suitable eye/body wash equipment should be available in the Controls vicinity of any potential exposure. Ensure adequate ventilation,

especially in confined areas. Ensure all national/local

regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use

explosion-proof equipment.

Gloves. Protective clothing. Protective goggles. Insufficient Personal Protective Equipment

ventilation: wear respiratory protection.









Chemically resistant materials and fabrics. Wear fire/flame Materials for Protective Clothing

> Wear protective gloves. Chemical safety goggles.

resistant/retardant clothing.

Wear suitable protective clothing.

Skin and Body Protection **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.

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

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SECTION 9: Physical and Chemical Hazards

9.1. Information on Basic Physical and Chemical Properties

Physical State Liquid Colour Colourless Odour Characteristic Odour Threshold No data available рΗ No data available **Evaporation Rate** No data available **Melting Point** No data available Freezing Point 17 °C (63 °F) **Boiling Point** 130 °C (266 °F) Flash Point No data available **Auto-Ignition Temperature** No data available **Decomposition Temperature** No data available Flammability (Solid, Gas) Not applicable Vapour Pressure No data available Relative Vapour Density At 20 °C No data available Relative Density < 1 (water = 1)Solubility No data available Partition Coefficient n-Octanol/Water 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 40 - 60 %

SECTION 10: Stability and Reactivity

10.1. Reactivity

Reacts violently with strong oxidisers. Increased risk of fire or explosion.

10.2. Chemical Stability

Extremely flammable liquid and vapour. May form flammable or explosive vapour-air mixture.

10.3. Possibility Of Hazardous Reactions

Hazardous polymerization will not occur.

10.4. Conditions To Avoid

Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

10.5. Incompatible Materials

Strong oxidizers.

10.6. Hazardous Decomposition Products

Thermal decomposition may produce: Hydrocarbons.

SECTION 11: Toxicological Information

11.1. Information On Toxicological Effects

Acute Toxicity

Not classified (Based on available data, the classification criteria are not met)

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/ 10	According to Regulation (EC) No. 1707/2000 (REACT) with its differential regulation (E0) 2013/050			
	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics			
	LD50 Dermal Rabbit	3000 mg/kg		
	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics			
	LD50 Oral Rat	> 5000 mg/kg		
	LD50 Dermal Rabbit	3000 mg/kg		
	Skin Corrosion/Irritation	Not classified (Based on available data, the classification	
		criteria are no	•	
	Eye Damage/Irritation		Based on available data, the classification	
		criteria are no	•	
	Respiratory or Skin Sensitization	· ·		
		criteria are no	,	
	Germ Cell Mutagenicity	Not classified (Based on available data, the classification		
		criteria are no	•	
	Carcinogenicity	,	Based on available data, the classification	
		criteria are no	•	
	Reproductive Toxicity		Not classified (Based on available data, the	
			classification criteria are not met)	
Specific Target Organ Toxicity (Single Exposure)		• ,	May cause drowsiness or dizziness.	
Specific Target Organ Toxicity (Repeated		peated	Not classified (Based on available data, the	
	Exposure)		classification criteria are not met)	
	Aspiration Hazard	May be fatal it	swallowed and enters airways.	

SECTION 12: Ecological Information

12.1. Toxicity

Ecology - General Toxic to aquatic life with long lasting effects.

12.2. Persistence and Degradability

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Persistence and Degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative Potential

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Bioaccumulative potential	Not established.

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

Other Information Avoid release to the environment.

SECTION 13: Disposal Considerations

13.1. Waste Treatment Methods

Product/Packaging Disposal Dispose of contents/container in accordance with local, Recommendations

regional, national, and international regulations. Additional Information

Handle empty containers with care because residual vapours

are flammable.

Ecology - Waste Materials Avoid release to the environment. This material is hazardous to

the aquatic environment. Keep out of sewers and waterways.

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SECTION 14: Transport Information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

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

ADR	IMDG	IATA	ADN	RID	
14.1. UN Number					
1268	1268	1268	1268	1268	
14.2. UN Proper	14.2. UN Proper Shipping Name				
PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	PETROLEUM	
DISTILLATES,	DISTILLATES,	DISTILLATES,	PRODUCTS,	DISTILLATES,	
N.O.S.	N.O.S.	N.O.S.	N.O.S.	N.O.S.	
14.3. Transport H	lazard Class(Es)				
3	3	3	3	3	
3	3	3	3	3	
14.4. Packing G	14.4. Packing Group				
	II	II	II	II	
14.5. Environmental Hazards					
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	

14.6. Special Precautions For User

No additional information available

14.7. Transport in Bulk According to Annex II of MARPOL 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

Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National Regulations

No additional information available

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out

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SECTION 16: Other Information

Indication of Changes

Section	Section Header	Change	Date Changed
1	Identification of the Substance/mixture and of the Company/Undertaking	Modified	09/11/2020
2	Hazards Identification	Modified	09/11/2020
3	Composition/information on ingredients	Modified	09/11/2020

Date of Preparation or Latest Revision

Data Sources

Other Information

09/11/2020

Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to

GHS or their subsequent adoption of GHS.

According to Regulation (EC) No. 1907/2006 (REACH) with

its amendment Regulation (EU) 2015/830

Full Text of H- and EUH-statements:

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Abbreviations and Acronyms

ACGIH – American Conference of Governmental Industrial Hygienists ADN – European Agreement Concerning the International Carriage of Dangerous

Goods by Inland Waterways

ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

ATE - Acute Toxicity Estimate

BCF - Bioconcentration Factor

BEI - Biological Exposure Indices (BEI) BOD – Biochemical Oxygen Demand

CAS No. - Chemical Abstracts Service Number

CLP - Classification, Labeling and Packaging Regulation (EC) No 1272/2008

COD - Chemical Oxygen Demand

EC – European Community
EC50 - Median Effective Concentration

EEC - European Economic Community

EINECS – European Inventory of Existing Commercial Chemical Substances EmS-No. (Fire) - IMDG Emergency Schedule Fire

EmS-No. (Spillage) - IMDG Emergency Schedule Spillage

FU - Furopean Union

ErC50 - EC50 in Terms of Reduction Growth Rate

GHS – Globally Harmonized System of Classification and Labeling of Chemicals

IARC - International Agency for Research on Cancer

IATA - International Air Transport Association

IBC Code - International Bulk Chemical Code IMDG - International Maritime Dangerous Goods

IPRV - Ilgalaikio Poveikio Ribinis Dydis

IOELV - Indicative Occupational Exposure Limit Value

LC50 - Median Lethal Concentration

LD50 - Median Lethal Dose

LOAEL - Lowest Observed Adverse Effect Level

LOEC - Lowest-Observed-Effect Concentration

Log Koc - Soil Organic Carbon-water Partitioning Coefficient Log Kow - Octanol/water Partition Coefficient

Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol

and water

MAK - Maximum Workplace Concentration/Maximum Permissible Concentration

MARPOL - International Convention for the Prevention of Pollution

NDS - Naiwyzsze Dopuszczalne Stezenie

NDSCh - Najwyzsze Dopuszczalne Stezenie Chwilowe

NDSP - Najwyzsze Dopuszczalne Stezenie Pulapowe NOAEL - No-Observed Adverse Effect Level

NOEC - No-Observed Effect Concentration

NRD - Nevirsytinas Ribinis Dydis

NTP – National Toxicology Program OEL - Occupational Exposure Limits

PBT - Persistent, Bioaccumulative and Toxic

PEL - Permissible Exposure Limit

pH – Potential Hydrogen

REACH – Registration, Evaluation, Authorisation, and Restriction of Chemicals

RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail SADT - Self Accelerating Decomposition Temperature

SDS - Safety Data Sheet

STEL - Short Term Exposure Limit STOT - Specific Target Organ Toxicity

TA-Luft - Technische Anleitung zur Reinhaltung der Luft

TEL TRK - Technical Guidance Concentrations

ThOD – Theoretical Oxygen Demand TLM - Median Tolerance Limit

TLV - Threshold Limit Value

TPRD - Trumpalaikio Poveikio Ribinis Dydis

TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von Gefahrstoffen in

ortsbeweglichen Behältern

TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine TRGS 900 - Technische Regel für Gefahrstoffe 900 – Arbeitsplatzgrenzwerte

TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte

TSCA - Toxic Substances Control Act TWA - Time Weighted Average

VOC – Volatile Organic Compounds VLA-EC - Valor Límite Ambiental Exposición de Corta Duración VLA-ED - Valor Límite Ambiental Exposición Diaria

VLE – Valeur Limite D'exposition

VMF - Valeur Limite De Movenne Exposition

vPvB - Very Persistent and Very Bioaccumulative WEL - Workplace Exposure Limit

WGK - Wassergefährdungsklasse

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Nusil EU GHS SDS

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