

Safety Data Sheet



Section 1: Identification

Product identifier

Product Name • **COOLING COIL COATING**

Synonyms • 04728942AB; 0VU01529

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

Recommended use • Protective coating

Restrictions on use • No data available

Details of the supplier of the safety data sheet

Manufacturer • Mopar (FCA US LLC Service & Customer Care Division)
26311 Lawrence Ave.
Center Line, MI 48015
United States

MoparSDS@fcagroup.com

Telephone (General) • 1-800-84-Mopar

Emergency telephone number

Manufacturer • 248-512-8002

Section 2: Hazard Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

Classification of the substance or mixture

CLP • No data available

Label Elements

CLP
DSD/DPD

Other Hazards

CLP • No data available
DSD/DPD • No data available

UN GHS

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Classification of the substance or mixture

UN GHS • No data available

Label elements

UN GHS

Other hazards

UN GHS • No data available

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 • The product is not classified as hazardous according to OSHA GHS regulations within the United States.
Additional information:
There are no other hazards not otherwise classified that have been identified. 0 percent of the mixture consists of component(s) of unknown toxicity.

OSHA HCS 1994 • No data available

Label elements

OSHA HCS 2012

Hazard statements • Labelling according to Regulation (EC) No 1272/2008

The product is not classified as hazardous according to OSHA GHS regulations within the United States.

Hazard-determining components of labelling: None.

Hazard-determining components of labelling: None.

Precautionary statements

Prevention • Not Regulated

Response • Not Regulated

OSHA HCS 1994 • No data available

Other hazards

OSHA HCS 2012 • Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

OSHA HCS 1994 • No data available

Canada

According to: WHMIS

Classification of the substance or mixture

WHMIS • No data available

Label elements

WHMIS • No data available

Other hazards

WHMIS • No data available

ANSI

According to: American National Standards Institute

Classification of the substance or mixture

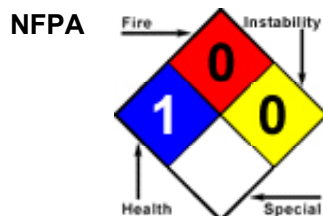
ANSI • No data available

Label elements

ANSI • No data available

Other hazards

ANSI • No data available

Other information• **Hazard statements** Not Regulated**Additional information:** EUH210 Safety data sheet available on request.**HMIS** • Health = 0, Fire = 0, Reactivity = 0**HMIS Long Term Health Hazard Substances:** None of the ingredients are listed.**Section 3 - Composition/Information on Ingredients****Substances****Mixtures**

Description: Mixture of substances listed below with nonhazardous additions.

Composition				
Chemical Name	Identifiers	%	Classifications According to Regulation/Directive	Comments
Coconut diethanolamide; bis (2-ethylhexyl) phosphate (1:1)	CAS:68649-38-7	< 2.5%	OSHA HCS 1994: ANSI: WHMIS: UN GHS: EU DSD/DPD: EU CLP: OSHA HCS 2012: Skin Corr. 1C, H314; Eye Dam. 1, H318	NDA
Ammonia ,aqueous solution	CAS:1336-21-6 EINECS:215-647-6	< 0.5%	OSHA HCS 1994: ANSI: WHMIS: UN GHS: EU DSD/DPD: EU CLP: OSHA HCS 2012: Skin Corr. 1B, H314 Aquatic Acute 1, H400	NDA

Additional information: For the listed ingredients, the identity and exact percentages are being withheld as a trade secret.
For the wording of the listed risk phrases refer to section 16.

Section 4: First-Aid Measures

Description of first aid measures

- | | |
|-------------------|---|
| Inhalation | <ul style="list-style-type: none">• Supply fresh air; consult doctor in case of complaints. |
| Skin | <ul style="list-style-type: none">• Do not pull solidified product off the skin. Immediately rinse with water. If skin irritation is experienced, consult a doctor. |
| Eye | <ul style="list-style-type: none">• Rinse opened eye for several minutes under running water. Remove contact lenses if worn. |
| Ingestion | <ul style="list-style-type: none">• Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately. |

Most important symptoms and effects, both acute and delayed

- Gastric or intestinal disorders when ingested.

Indication of any immediate medical attention and special treatment needed

- | | |
|---------------------------|--|
| Notes to Physician | <ul style="list-style-type: none">• No further relevant information available. |
|---------------------------|--|

Other information

- General information: No special measures required
- Hazards No further relevant information available.

Section 5: Fire-Fighting Measures

Extinguishing media

- | | |
|---------------------------------------|--|
| Suitable Extinguishing Media | <ul style="list-style-type: none">• Use fire extinguishing methods suitable to surrounding conditions. |
| Unsuitable Extinguishing Media | <ul style="list-style-type: none">• None. |

Special hazards arising from the substance or mixture

- | | |
|---|--|
| Unusual Fire and Explosion Hazards | <ul style="list-style-type: none">• No further relevant information available. |
| Hazardous Combustion Products | <ul style="list-style-type: none">• No data available |

Advice for firefighters

- Wear self-contained respiratory protective device. Wear fully protective suit.

Other information

- No further relevant information available.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

- | | |
|-----------------------------|--|
| Personal Precautions | <ul style="list-style-type: none">• Ensure adequate ventilation. |
| Emergency Procedures | <ul style="list-style-type: none">• No data available |

Environmental precautions

- Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Allow to solidify. Pick up mechanically. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.

Reference to other sections

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Use only in well ventilated areas.

Conditions for safe storage, including any incompatibilities

Storage

- Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles. Protect from frost.

Incompatible Materials or Ignition Sources

- Information about fire - and explosion protection: No special measures required.

Specific end use(s)

- No further relevant information available.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines

- Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- DNELs No further relevant information available.
- PNECs No further relevant information available.
- Additional information: The lists valid during the making were used as basis

Exposure controls

Engineering Measures/Controls

- No data available

Personal Protective Equipment

Pictograms



Respiratory

- Not required under normal conditions of use. Use suitable respiratory protective device when high concentrations are present.

Eye/Face

- Safety glasses.

Hands

- Gloves not required under normal conditions of use. Wear protective gloves to handle contents of damaged or leaking units.

Skin/Body

- Not required under normal conditions of use.

General Industrial Hygiene Considerations

- The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Avoid contact with the eyes.

Environmental Exposure Controls

- Limitation and supervision of exposure into the environment No special requirements.

Other Information

- Limitation and supervision of exposure into the environment No special requirements. Risk management measures No special requirements.

Section 9 - Physical and Chemical Properties**Information on Physical and Chemical Properties****Material Description**

Physical Form	Liquid	Appearance/Description	No data available
Color	Not determined.	Odor	Mild
Odor Threshold	Not determined.	Physical and Chemical Properties	No data available

General Properties

Boiling Point	100 °C(212 °F)	Melting Point/Freezing Point	Not Determined.
Decomposition Temperature	Not determined.	pH	8.5 @ 20 °C(68 °F)
Specific Gravity/Relative Density	Not determined.	Density	1,05 g/cm ³ (8,762 lbs/gal)at 20 °C (68 °F)
Water Solubility	Fully miscible.	Viscosity	Dynamic: Not determined. Kinematic: Not determined.
Explosive Properties	Product does not present an explosion hazard.	Oxidizing Properties:	No data available

Volatility

Vapor Pressure	23 hPa @ 20 °C(68 °F) (17 mm Hg)	Vapor Density	Not determined.
Evaporation Rate	Not determined.		

Flammability

Flash Point	Not applicable.	UEL	No data available
LEL	No data available	Autoignition	Not determined.
Flammability (solid, gas)	Not applicable.		

Environmental

Octanol/Water Partition coefficient	Not determined		
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Other Information

- Self-igniting: Product is not self-igniting.

Section 10: Stability and Reactivity

Reactivity

- No data available

Chemical stability

- No data available

Possibility of hazardous reactions

- Reacts with strong oxidising agents. Reacts with strong acids.

Conditions to avoid

- No further relevant information available.

Incompatible materials

- No further relevant information available.

Hazardous decomposition products

- No thermal decomposition if used and stored according to specifications. Carbon monoxide and carbon dioxide.

Section 11 - Toxicological Information

Information on toxicological effects

GHS Properties	Classification
Acute toxicity	EU/CLP • Data lacking UN GHS • Data lacking OSHA HCS 2012 • Data lacking
Skin corrosion/Irritation	EU/CLP • Data lacking UN GHS • Data lacking OSHA HCS 2012 • Data lacking
Serious eye damage/Irritation	EU/CLP • Data lacking UN GHS • Data lacking OSHA HCS 2012 • Data lacking
Skin sensitization	EU/CLP • Data lacking UN GHS • Data lacking OSHA HCS 2012 • Data lacking
Respiratory sensitization	EU/CLP • Data lacking UN GHS • Data lacking OSHA HCS 2012 • Data lacking
Aspiration Hazard	EU/CLP • Data lacking UN GHS • Data lacking OSHA HCS 2012 • Data lacking
Carcinogenicity	EU/CLP • Data lacking UN GHS • Data lacking OSHA HCS 2012 • Data lacking
Germ Cell Mutagenicity	EU/CLP • Data lacking UN GHS • Data lacking OSHA HCS 2012 • Data lacking
Toxicity for Reproduction	EU/CLP • Data lacking UN GHS • Data lacking

	OSHA HCS 2012 • Data lacking
STOT-SE	EU/CLP • Data lacking UN GHS • Data lacking OSHA HCS 2012 • Data lacking
STOT-RE	EU/CLP • Data lacking UN GHS • Data lacking OSHA HCS 2012 • Data lacking

Potential Health Effects

Inhalation

- Acute (Immediate) • No data available
- Chronic (Delayed) • No data available

Skin

- Acute (Immediate) • Primary irritant effect on the skin: No irritant effect.
- Chronic (Delayed) • No data available

Eye

- Acute (Immediate) • Primary irritant effect: on the eye: No irritating effect.
- Chronic (Delayed) • No data available

Ingestion

- Acute (Immediate) • No data available
- Chronic (Delayed) • No data available

Other

- Acute (Immediate) • Acute toxicity: LD/LC50 values relevant for classification: None.

Other information

- Sensitisation: No sensitising effects known

Additional toxicological information: The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Repeated dose toxicity: No further relevant information available. Sensitisation: No sensitising effects known

Additional toxicological information: The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Subacute to chronic toxicity: No further relevant information available.

Repeated dose toxicity: No further relevant information available.

Section 12 - Ecological Information

Toxicity

- Aquatic toxicity: No further relevant information available.

Persistence and degradability

- No further relevant information available.

Bioaccumulative potential

- No further relevant information available.

Mobility in Soil

- No further relevant information available.

Results of PBT and vPvB assessment

- PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects

- No further relevant information available.

Other Information

- Additional ecological information:

General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste

- Smaller quantities can be disposed of with household waste. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Packaging waste

- Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	None
TDG					
IMO/IMDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	None
ADN	Not Regulated	Not Regulated	Not Regulated		None
ADR/RID	Not Applicable	Not Regulated	Not Applicable	Not Applicable	None
IATA/ICAO	Not Applicable	Not Regulated	Not Applicable	Not Applicable	None

Special precautions for user

- Not applicable.

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

- Not applicable.

Section 15 - Regulatory Information

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

- **TSCA (Toxic Substances Control Act):**All ingredients are listed.

Proposition 65 (California): Chemicals known to cause cancer:Present in trace quantities.68603-42-9 coconut diethanolamide

Chemicals known to cause reproductive toxicity for females:None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:None of the ingredients are listed.

Chemicals known to cause developmental toxicity:None of the ingredients are listed.

- Carcinogenic Categories

EPA (Environmental Protection Agency)

None of the ingredients are listed.

- **IARC (International Agency for Research on Cancer):** None of the ingredients are listed.

- **TLV (Threshold Limit Value established by ACGIH):** None of the ingredients are listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health):**None of the ingredients are listed.

- Canada

- **Canadian Domestic Substances List (DSL):** All ingredients are listed.

- **Canadian Ingredient Disclosure list (limit 0.1%):** None of the ingredients are listed.

- **Canadian Ingredient Disclosure list (limit 1%):** None of the ingredients are listed.

- **Other regulations, limitations and prohibitive regulations**

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

- **Substances of very high concern (SVHC) according to REACH, Article 57**None of the ingredients are listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

- SARA Hazard Classifications**
- **Section 355 (extremely hazardous substances):**None of the ingredients are listed.
 - **Section 313 (Specific toxic chemical listings):**None of the ingredients are listed.

State Right To Know			
Component	CAS	NJ	PA
Ammonia ,aqueous solution	1336-21-6	Yes	Yes
Coconut diethanolamide; bis (2-ethylhexyl)	68649-38-7	No	No

phosphate (1:1)		
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Inventory					
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	TSCA
Ammonia ,aqueous solution	1336-21-6	Yes	No	Yes	Yes
Coconut diethanolamide; bis (2-ethylhexyl) phosphate (1:1)	68649-38-7	No	Yes	No	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Ammonia ,aqueous solution	1336-21-6	E
• Coconut diethanolamide; bis (2-ethylhexyl)phosphate (1:1)	68649-38-7	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• Ammonia ,aqueous solution	1336-21-6	1 %
• Coconut diethanolamide; bis (2-ethylhexyl)phosphate (1:1)	68649-38-7	Not Listed

United States

Environment

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Ammonia ,aqueous solution	1336-21-6	1000 lb final RQ; 454 kg final RQ
• Coconut diethanolamide; bis (2-ethylhexyl)phosphate (1:1)	68649-38-7	Not Listed

Section 16 - Other Information

Revision Date	• No data available
Last Revision Date	• No data available
Preparation Date	• No data available
Disclaimer/Statement of Liability	• No data available

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

Skin Corr. 1C: Skin corrosion/irritation, Hazard Category 1C

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1