Coil Clean

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 8/15/2018 Revision date: 9/25/2025 Supersedes: 9/25/2025

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : Coil Clean
Product code : 155-9158

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Degreaser.

1.4. Supplier's details

American Cleaning Solutions
39-30 Review Avenue
Long Island City, NY, 11101
T (718) 392-8080

1.5. Emergency phone number

Emergency number : INFOTRAC: 800-535-5053

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation, Category 2 H315 Causes skin irritation.
Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Warning
Hazard statements (GHS US) : H315 - Causes skin irritation
Precautionary statements (GHS US) : P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.
P302+P352 - If on skin: Wash with plenty of soap and water
P321 - Specific treatment (see supplemental first aid instruction on this label).
P332+P313 - If skin irritation occurs: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
butyl glycolether	CAS-No.: 111-76-2	5 – 10	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Acute Tox. 2 (Inhalation:gas), H330 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
dodecylbenzenesulphonic acid	CAS-No.: 27176-87-0	1 – 5	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Corr. 1, H314
Disodium metasilicate	CAS-No.: 6834-92-0	1 – 5	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 STOT SE 3, H335
Potassium Hydroxide, 45%≤conc<50%, aqueous solutions	CAS-No.: 1310-58-3	1 – 5	Acute Tox. 3 (Oral), H301 Skin Corr. 1, H314
Nonylphenol Ethoxylate	CAS-No.: 127087-87-0	1 – 5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319

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

SECTION 4 First aid measures

4.1. Description of necessary 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. Immediately call a poison center or doctor/physician.

First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

4.2. Most important symptoms/effects, acute and delayed

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects : Causes severe skin burns and eye damage.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

See Heading 8. Exposure controls and personal protection.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe dust/mist/spray. Avoid contact during pregnancy/while nursing.

Hygiene measures : Wash hands and forearms thoroughly after handling.

7.2. Conditions for safe storage, including incompatibilities

Technical measures	:	Comply with applicable regulations.
Storage conditions	:	Keep only in the original container in a cool, well ventilated place away from heat, hot surfaces, sparks, open flame and other ignition sources. No smoking. Keep container closed when not in use.
Incompatible products	:	Strong bases. Strong acids.
Incompatible materials	:	Sources of ignition. Direct sunlight.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
USA - ACGIH® - Threshold Limit Values	
Local name	Potassium hydroxide
Remark (ACGIH)	URT, eye, & skin irr

butyl glycolether (111-76-2)	
USA - ACGIH® - Threshold Limit Values	
Local name	2-Butoxyethanol (EGBE)
ACGIH OEL TWA	20 ppm (2-Butoxyethanol (EGBE); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
Remark (ACGIH)	Eye & URT irr
USA - OSHA - Occupational Exposure Limits	
Local name	2-Butoxyethanol
OSHA PEL TWA	240 mg/m³
	50 ppm

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:
Avoid all unnecessary exposure.

Hand protection:
Wear protective gloves/eye protection/face protection protective gloves

Eye protection:
Chemical goggles or face shield

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
Wear appropriate mask

Personal protective equipment symbol(s):

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

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Color	:	Green
Odor	:	mild
Odor threshold	:	No data available
pH	:	13
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	212 – 220 °F
Flash point	:	≥ 200 °F
Flammability (solid, gas)	:	Non flammable.
Vapor pressure	:	No data available
Relative vapor density at 20 °C	:	Same as water
Relative density	:	1.03
Solubility	:	Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosion limits	:	No data available
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

Thermal decomposition generates : corrosive vapors.

10.2. Chemical stability

Stable under normal conditions. Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : corrosive vapors.

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

Disodium metasilicate (6834-92-0)	
LD50 oral rat	1152 – 1349 mg/kg body weight (Rat, Male / female, Experimental value, Oral, 7 day(s))
LD50 dermal rat	> 5000 mg/kg body weight (EPA OPPTS 870.1200: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 2.06 mg/l/4h (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Read-across)
ATE US (oral)	1152 mg/kg body weight

dodecylbenzenesulphonic acid (27176-87-0)	
LD50 oral rat	1080 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Read-across, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Read-across, Dermal, 14 day(s))
LC50 Inhalation - Rat	0.31 mg/l/4h (4 h, Rat, Male, Read-across, Inhalation (aerosol), 14 day(s))
ATE US (oral)	1080 mg/kg body weight
ATE US (vapors)	0.31 mg/l/4h
ATE US (dust, mist)	0.31 mg/l/4h

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
LD50 oral rat	273 mg/kg (Rat, Oral)
ATE US (oral)	273 mg/kg body weight

butyl glycolether (111-76-2)	
LD50 dermal rat	> 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LD50 dermal rabbit	435 mg/kg body weight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity; 435 mg/kg bodyweight; Rabbit; Weight of evidence; Equivalent or similar to OECD 402)
LC50 Inhalation - Rat	2.17 mg/l/4h (Rat; Experimental value; 2.35 mg/l/4h; Rat; Experimental value)
LC50 Inhalation - Rat [ppm]	450 – 486 ppm/4h 450-486,Rat
ATE US (oral)	500 mg/kg body weight
ATE US (dermal)	435 mg/kg body weight
ATE US (gases)	450 ppmV/4h
ATE US (vapors)	2.17 mg/l/4h
ATE US (dust, mist)	2.17 mg/l/4h

Nonylphenol Ethoxylate (127087-87-0)	
LD50 oral rat	1890 mg/kg body weight (Rat, Male / female, Experimental value, Oral)

Nonylphenol Ethoxylate (127087-87-0)	
LD50 oral	657 mg/kg body weight (Rabbit, Male / female, Experimental value, Oral)
ATE US (oral)	1890 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.
pH: 13

Disodium metasilicate (6834-92-0)	
pH	No data available in the literature

dodecylbenzenesulphonic acid (27176-87-0)	
pH	< 1 (25 °C)

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
pH	14 (5 %)

Nonylphenol Ethoxylate (127087-87-0)	
pH	6.3 (1 %)

Serious eye damage/irritation : Not classified
pH: 13

Disodium metasilicate (6834-92-0)	
pH	No data available in the literature

dodecylbenzenesulphonic acid (27176-87-0)	
pH	< 1 (25 °C)

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
pH	14 (5 %)

Nonylphenol Ethoxylate (127087-87-0)	
pH	6.3 (1 %)

Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

butyl glycolether (111-76-2)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified
STOT-single exposure : Not classified

Disodium metasilicate (6834-92-0)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

Disodium metasilicate (6834-92-0)	
Viscosity, kinematic	Not applicable (solid)

dodecylbenzenesulphonic acid (27176-87-0)	
Viscosity, kinematic	1613.6 mm²/s (20 °C)

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
Viscosity, kinematic	5.705 mm²/s

Disodium metasilicate (6834-92-0)	
butyl glycolether (111-76-2)	
Viscosity, kinematic	3.659 mm²/s

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects : Causes severe skin burns and eye damage.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

Disodium metasilicate (6834-92-0)	
LC50 - Fish [1]	210 mg/l (ISO 7346-1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value)
EC50 - Crustacea [1]	1700 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

dodecylbenzenesulphonic acid (27176-87-0)	
LC50 - Fish [1]	4.2 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Fresh water)
EC50 - Crustacea [1]	5.5 mg/l (48 h; Daphnia magna)
LC50 - Fish [2]	6 mg/l (96 h; Brachydanio rerio; Fresh water)
ErC50 algae	65.4 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value)

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
LC50 - Fish [1]	80 mg/l (96 h, Gambusia affinis, Pure substance)

Nonylphenol Ethoxylate (127087-87-0)	
LC50 - Fish [1]	11.6 mg/l (48 h, Oryzias latipes, Static system, Fresh water, Experimental value)
EC50 - Crustacea [1]	14 mg/l (48 h, Daphnia magna, Static renewal, Fresh water, Experimental value)
EC50 96h - Algae [1]	12 mg/l (Selenastrum capricornutum, Static system, Fresh water, Experimental value, Nominal concentration)

12.2. Persistence and degradability

Coil Clean	
Persistence and degradability	Not established.

Disodium metasilicate (6834-92-0)	
Persistence and degradability	Biodegradability: not applicable, No (test)data on mobility of the substance available, Not established.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

dodecylbenzenesulphonic acid (27176-87-0)	
Persistence and degradability	Readily biodegradable in water.
Chemical oxygen demand (COD)	2.41 g O_2/g substance

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

butyl glycolether (111-76-2)	
Persistence and degradability	Readily biodegradable in water, Biodegradable in the soil, Photodegradation in the air.
Biochemical oxygen demand (BOD)	0.71 g O_2/g substance
Chemical oxygen demand (COD)	2.2 g O_2/g substance
ThOD	2.305 g O_2/g substance
BOD (% of ThOD)	0.31

Nonylphenol Ethoxylate (127087-87-0)	
Persistence and degradability	Not readily biodegradable in water, Biodegradable in water.

12.3. Bioaccumulative potential

Coil Clean	
Bioaccumulative potential	Not established.

Disodium metasilicate (6834-92-0)	
Bioaccumulative potential	Bioaccumulation: not applicable. Not established.

dodecylbenzenesulphonic acid (27176-87-0)	
BCF - Fish [1]	65 – 96 (OECD 305: Bioconcentration: Flow-Through Fish Test, 32 day(s), Pimephales promelas, Static system, Fresh water, Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	1.96 (Weight of evidence approach, Equivalent or similar to OECD 107, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
Bioaccumulative potential	Not bioaccumulative.

butyl glycolether (111-76-2)	
Partition coefficient n-octanol/water (Log Pow)	0.81 (Experimental value; BASF test; 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Nonylphenol Ethoxylate (127087-87-0)	
BCF - Fish [1]	7.6 – 12.4 l/kg (6 week(s), Cyprinus carpio, Static system, Fresh water, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	5.67 (Practical experience/observation, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500). Low potential for bioaccumulation (molecular mass >=700 g/mol).

12.4. Mobility in soil

Disodium metasilicate (6834-92-0)	
Surface tension	No data available in the literature
Ecology - soil	Low potential for adsorption in soil.

dodecylbenzenesulphonic acid (27176-87-0)	
Surface tension	29.3 – 31.8 N/m (25 °C, 120 mg/l)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.96 (log Koc, OECD 106: Adsorption/Desorption Using a Batch Equilibrium Method, Calculated value)
Ecology - soil	Low potential for mobility in soil.

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
Ecology - soil	No (test)data on mobility of the component(s) available.

butyl glycolether (111-76-2)	
Surface tension	0.027 N/m (25 °C)

Nonylphenol Ethoxylate (127087-87-0)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.631 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)
Ecology - soil	No (test)data on mobility of the substance available. Low potential for adsorption in soil.

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

Other information : Avoid release to the environment.

SECTION 13 Disposal considerations

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/regional/national/international regulations.
Ecological waste information : Avoid release to the environment.

SECTION 14 Transport information

14.1. UN number

Not regulated for transport

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Not regulated
Proper Shipping Name (TDG) : Not regulated
Proper Shipping Name (IMDG) : Not regulated
Proper Shipping Name (IATA) : Not regulated

14.3. Transport hazard class(es)

DOT
Transport hazard class(es) (DOT) : Not regulated

TDG
Transport hazard class(es) (TDG) : Not regulated

IMDG
Transport hazard class(es) (IMDG) : Not regulated

IATA
Transport hazard class(es) (IATA) : Not regulated

14.4. Packing group

Packing group (DOT) : Not regulated
Packing group (TDG) : Not regulated
Packing group (IMDG) : Not regulated
Packing group (IATA) : Not regulated

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

TDG
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Disodium metasilicate	6834-92-0	Not present	-	
dodecylbenzenesulphonic acid	27176-87-0	Present	Active	
Potassium Hydroxide, 45%≤conc<50%, aqueous solutions	1310-58-3	Present	Active	
butyl glycolether	111-76-2	Present	Active	
Nonylphenol Ethoxylate	127087-87-0	Present	Active	XU

dodecylbenzenesulphonic acid (27176-87-0)	
Not subject to reporting requirements of the United States SARA Section 313	
CERCLA RQ	1000 lb

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
Not subject to reporting requirements of the United States SARA Section 313	
CERCLA RQ	1000 lb

15.2. International regulations

CANADA

Nonylphenol Ethoxylate (127087-87-0)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. State regulations

No additional information available

SECTION 16 Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 9/25/2025

Issue date : 8/15/2018

Other information : None.

Full text of hazard classes and H-statements	
H227	Combustible liquid
H290	May be corrosive to metals
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H319	Causes serious eye irritation
H330	Fatal if inhaled
H331	Toxic if inhaled
H335	May cause respiratory irritation

Hazard Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur

Flammability : 0 Minimal Hazard - Materials that will not burn

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal protection : B - Safety glasses, Gloves

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.