

Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 02.26.2015

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POR-15 Cleaner Degreaser

SECTION 1 : Identification of the substance/mixture and of the supplier

Product name : POR-15 Cleaner Degreaser

Manufacturer/Supplier Trade name:

Manufacturer/Supplier Article number: 40101, 40104, 40105, 40132, 40155

Recommended uses of the product and uses restrictions on use: Clean and degrease engines, fuel tanks, holding tanks, grease traps. Can be used on metal, wood, plastic, fiberglass and painted surfaces

Manufacturer Details:

Absolute Coatings Inc.
38 Portman Road
New Rochelle, NY 10801

Emergency telephone number:

ChemTel Inc +1 800 255 3924,+1 813 248 0585

SECTION 2 : Hazards identification

Classification of the substance or mixture:



Corrosive



Irritant



Environmentally Damaging

Corrosive
Harmful if inhaled
Toxic to Aquatic Life

Signal word :Danger

Hazard statements:

May be corrosive to metals
Harmful if swallowed
Harmful in contact with skin
Causes severe skin burns and eye damage
Very toxic to aquatic life
Harmful to aquatic life with long lasting effects

Precautionary statements:

If medical advice is needed, have product container or label at hand
Keep out of reach of children
Read label before use
Keep only in original container
Wash skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

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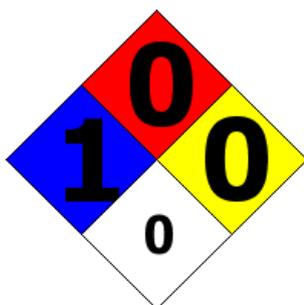
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
Continue rinsing
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Store in a well ventilated place. Keep container tightly closed
Dispose of contents and container as instructed in Section 13

Other Non-GHS Classification:

WHMIS



NFPA/HMIS



NFPA SCALE (0-4)

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	X

HMIS RATINGS (0-4)

SECTION 3 : Composition/information on ingredients

Ingredients:		
CAS 7732-18-5	Deionized Water	90.01 %
CAS 1310-58-3	Potassium Hydroxide	4.29 %
CAS 111-76-2	Butyl Cellosolve	2.03 %
CAS 68439-45-2	Ethoxylated Undecyl Alcohol	3.68 %
Percentages are by weight		

SECTION 4 : First aid measures

Description of first aid measures

After inhalation: Move exposed to fresh air. If breathing is difficult give oxygen. Loosen clothing and place exposed in a comfortable position. Seek medical assistance if cough or other symptoms appear.

After skin contact: Wash hands and exposed skin with soap and plenty of water.

After eye contact: Protect unexposed eye. Flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing. Immediately seek medical attention.

After swallowing: Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Immediately seek medical attention.

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Most important symptoms and effects, both acute and delayed:

;

Indication of any immediate medical attention and special treatment needed:

If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

SECTION 5 : Firefighting measures

Extinguishing media

Suitable extinguishing agents: Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents:

Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors.

Advice for firefighters:

Protective equipment: Wear protective eyewear, gloves, and clothing. Refer to Section 8.

Additional information (precautions): Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

SECTION 6 : Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Ensure that air-handling systems are operational.

Environmental precautions:

Should not be released into environment. Prevent from reaching drains, sewer, or waterway.

Methods and material for containment and cleaning up:

Wear protective eyewear, gloves, and clothing. Refer to Section 8. Always obey local regulations. If necessary use trained response staff or contractor. Evacuate personnel to safe areas. Containerize for disposal. Refer to Section 13. Keep in suitable closed containers for disposal.

Reference to other sections:

SECTION 7 : Handling and storage

Precautions for safe handling:

Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke, or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities:

Store in a cool location. Keep away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly sealed. Store away from incompatible materials.

SECTION 8 : Exposure controls/personal protection



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Control Parameters:	1310-58-3, Potassium Hydroxide, C 2 mg/m ³ USA. ACGIH 1310-58-3, Potassium Hydroxide, C 2 mg/m ³ USA. OSHA 1310-58-3, Potassium Hydroxide, C 2 mg/m ³ USA. NIOSH 111-76-2, Butyl Cellosolve, ACGIH TLV TWA 20 ppm 111-76-2, Butyl Cellosolve, NIOSH TWA 5.0 ppm 111-76-2, Butyl Cellosolve, OSHA PEL TWA 50.0 ppm
Appropriate Engineering controls:	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.
Respiratory protection:	Not required under normal conditions of use. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.
Protection of skin:	Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.
Eye protection:	Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection.
General hygienic measures:	Perform routine housekeeping. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes, and clothing. Before reusing wash contaminated clothing.

SECTION 9 : Physical and chemical properties

Appearance (physical state,color):	Colorless Liquid	Explosion limit lower: Explosion limit upper:	Not Applicable Not Applicable
Odor:	Odorless	Vapor pressure:	23.70 mm Hg (3.16 kPa) at 25°C
Odor threshold:	Not Applicable	Vapor density:	0.62 estimated (air = 1)
pH-value:	11 - 13 (10% solution)	Relative density:	1.03 g/cm ³
Melting/Freezing point:	0°C (32°F)	Solubilities:	
Boiling point/Boiling range:	100°C (212°F)	Partition coefficient (n-octanol/water):	Not Applicable
Flash point (closed cup):	Not Applicable	Auto/Self-ignition temperature:	Not Applicable
Evaporation rate:	< 1 estimated) (n-butyl acetate = 1)	Decomposition temperature:	Not Applicable
Flammability (solid,gaseous):	Not Applicable	Viscosity:	a. Kinematic: Not Applicable b. Dynamic: 1 mm ² /s at 20°C (estimated)
Density: Not Applicable VOC content: 20.9 g/L / 2.04% w/w			

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SECTION 10 : Stability and reactivity

Reactivity: Strong exothermic reaction with acids. Reacts with strong oxidizing agents.

Chemical stability: Stable under normal conditions.

Possible hazardous reactions: None under normal processing.

Conditions to avoid: Incompatible materials. Excessive heat.

Incompatible materials: Strong acids, acetone, metals such as aluminum, tin, zinc, and chlorinated hydrocarbons.

Hazardous decomposition products: Oxides of potassium, decomposition by reaction with certain metals releases flammable and explosive hydrogen gas.

SECTION 11 : Toxicological information

Acute Toxicity:		
Oral:	1310-58-3	LD50 Oral - Rat - 333 mg/kg
Oral:	111-76-2	LD50 Oral - Rat - 470 mg/kg
Inhalation:	111-76-2	LC50 Inhalation - Rat - 4 h - 450 ppm
Dermal:	111-76-2	LD50 Dermal - Rabbit - 220 mg/kg
Chronic Toxicity: No additional information.		
Corrosion Irritation:		
Dermal:	1310-58-3	Skin - Rabbit Result : Severe skin irritation - 24 h
Dermal:	1310-58-3	Eyes - Rabbit Result : Corrosive to eyes
Sensitization: No additional information.		
Single Target Organ (STOT): No additional information.		
Numerical Measures: No additional information.		
Carcinogenicity: No additional information.		
Mutagenicity: No additional information.		
Reproductive Toxicity: No additional information.		

SECTION 12 : Ecological information

Ecotoxicity

1310-58-3: LC50 - Gambusia affinis (Mosquito fish) - 80 mg/l - 96 h

111-76-2: LC50 - other fish - 220 mg/l - 96 h

111-76-2: EC50 - Daphnia magna (Water flea) - 1,815 mg/l - 24 h

Persistence and degradability:

Bioaccumulative potential:

Mobility in soil:

Other adverse effects:

SECTION 13 : Disposal considerations

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Waste disposal recommendations:

Dispose of empty containers as unused product. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

SECTION 14 : Transport information

UN-Number

N/A - Transported in limited quantities

UN proper shipping name

N/A

Transport hazard class(es)

Packing group: N/A

Environmental hazard:

Transport in bulk:

Special precautions for user:

SECTION 15 : Regulatory information

United States (USA)

SARA Section 311/312 (Specific toxic chemical listings):

Acute, Chronic

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients is listed

RCRA (hazardous waste code):

None of the ingredients is listed

TSCA (Toxic Substances Control Act):

All ingredients are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):

1310-58-3 Potassium Hydroxide 1000 lb

Proposition 65 (California):

Chemicals known to cause cancer:

None of the ingredients is listed

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed

Chemicals known to cause developmental toxicity:

None of the ingredients is listed

Canada

Canadian Domestic Substances List (DSL):

All ingredients are listed.

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Canadian NPRI Ingredient Disclosure list (limit 0.1%):

None of the ingredients is listed

Canadian NPRI Ingredient Disclosure list (limit 1%):

1310-58-3 Potassium Hydroxide

111-76-2 Butyl Cellosolve

SECTION 16 : Other information

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. Note: . The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

GHS Full Text Phrases:

Abbreviations and acronyms:

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