

Wearcoat Cleaner

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Wearcoat Cleaner
Common Name: Alkaline cleaner.
SDS Number: I36
Revision Date: 6/8/2015
Version: 1
Product Description: Alkaline cleaner.
Product Use: Heavy Duty Cleaner Degreaser
Instructions: For commercial and industrial use only.
Supplier Details: Coatings For Industry, Inc.
 319 Township Line Road
 Souderton, PA 18964

Emergency: Infotrac
Contact: USA: 1-800-535-5053 / International :352-323-3500
Phone: 215-723-0919
Fax: 215-723-0911
Email: cs@cficoatings.com
Web: www.cficoatings.com

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):

Health, Serious Eye Damage/Eye Irritation, 1
 Health, Skin corrosion/irritation, 1 A
 Physical, Corrosive to Metals, 1
 Environmental, Hazards to the aquatic environment - Acute, 1
 Environmental, Hazards to the aquatic environment - Chronic, 1
 Health, Respiratory or skin sensitization, 1 Skin

GHS Label elements, including precautionary statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H318 - Causes serious eye damage
 H314 - Causes severe skin burns and eye damage
 H290 - May be corrosive to metals
 H400 - Very toxic to aquatic life
 H410 - Very toxic to aquatic life with long lasting effects
 H317 - May cause an allergic skin reaction

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
 P233 - Keep container tightly closed.
 P234 - Keep only in original container.
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
 P264 - Wash hands thoroughly after handling.
 P272 - Contaminated work clothing should not be allowed out of the workplace.

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P273 - Avoid release to the environment.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P310 - Immediately call a POISON CENTER or doctor/physician.
 P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
 P362 - Take off contaminated clothing and wash before reuse.
 P403+235 - Store in a well ventilated place. Keep cool.
 P405 - Store locked up.
 P406 - Store in a corrosive resistant/_ container with a resistant inner liner.
 P501 - Dispose of contents/container to in accordance with local/regional/national/international regulations.

3	COMPOSITION/INFORMATION OF INGREDIENTS
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Ingredients:

Cas#	%	Chemical Name
1300-72-7	1-5%	Benzenesulfonic acid, dimethyl-, sodium salt
1310-73-2	1-5%	Sodium hydroxide
5989-27-5	0.1-1%	Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-
8008-57-9	0.1-1%	Oils, orange, sweet

4	FIRST AID MEASURES
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Inhalation: If inhaled, remove to fresh air. Give oxygen or artificial respiration if needed. Get immediate medical attention.

Skin Contact: Remove contaminated clothing and footwear immediately, and wash before reuse. Discard clothing and footwear which cannot be decontaminated.
Wash with soap and water. Get medical attention if needed.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.
Then remove contact lenses, if easily removeable, and continue irrigation for not less than 15 minutes. Get immediate medical attention.

Ingestion: Do not induce vomiting. Seek immediate medical attention For spontaneous vomiting, keep head below hips.

5	FIRE FIGHTING MEASURES
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Suitable extinguishing media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical during fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions: Move containers from fire area if you can do it without risk.

General fire hazards: No unusual fire or explosion hazards noted.

Specific Methods: Use standard firefighting procedures and consider the hazards of other involved materials.

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6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions Avoid discharge into drains, water courses or onto the ground.

7 HANDLING AND STORAGE

Handling Precautions: Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Storage Requirements: Store locked up. Store in original tightly closed container. Store away from incompatible materials. Protect from freezing.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Personal Protective Equipment: Personal protective equipment
 Eye/face protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min
 Material tested: Dermatril (KCL 740 / Aldrich Z677272, Size M)

Splash contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min
 Material tested: Dermatril (KCL 740 / Aldrich Z677272, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be

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selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: 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. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Components with workplace control parameters

Benzenesulfonic acid, dimethyl-, sodium salt (1300-72-7) : no data available

Sodium hydroxide (1310-73-2)

CEILING	2 mg/m ³	USA. ACGIH Threshold Limit Values (TLV)
TWA	2 mg/m ³	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
CEILING	2 mg/m ³	USA. NIOSH Recommended Exposure Limits

Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- (5989-27-5) : no data available

TWA 165.5 mg/m³, 30 ppm US. Workplace environmental Exposure Level (WEEL) Guides

Oils, orange, sweet (8008-57-9) : no data available

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Orange	Odor:	Citrus-orange
Physical State:	Liquid	Solubility:	Soluble in water
Spec Grav./Density:	1.03		
Viscosity:	<10cSt		
Boiling Point:	212 deg F		
pH:	13.3		

10	STABILITY AND REACTIVITY
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Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Do not mix with other chemicals. Contact with incompatible materials.
Materials to Avoid:	Strong Acids; Strong Oxidizing Agents.
Hazardous Decomposition:	Not known.
Hazardous Polymerization:	Will not occur.

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TOXICOLOGICAL INFORMATION

Benzenesulfonic acid, dimethyl-, sodium salt (1300-72-7)

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - male and female - \geq 7,200 mg/kg

Inhalation LC50 no data available

Dermal LD50 LD50 Dermal - rabbit - male and female - $>$ 2,000 mg/kg

Other information on acute toxicity

Skin corrosion/irritation: Skin - rabbit - No skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit - Irritating to eyes.

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: Genotoxicity in vitro - Hamster - ovary - with and without metabolic activation - negative

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System): no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System): no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

Repeated dose toxicity - rat - male and female - Dermal - No observed adverse effect level - 763 - 3,534 mg/kg

Repeated dose toxicity - mouse - male - Oral - No observed adverse effect level - \geq 440 mg/kg RTECS: ZE5100000**Sodium hydroxide (1310-73-2)**

Information on toxicological effects

Acute toxicity: Acute Oral LD50 Rabbit 500 mg/kg

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: Causes severe burns. - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Corrosive - 24 h

Respiratory or skin sensitisation: Will not occur

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human

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carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: WB4900000

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- (5989-27-5)

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 4,400 mg/kg Remarks: Behavioral:Change in motor activity (specific assay). Respiratory disorder Skin and Appendages:

Other: Hair. Inhalation: Irritating to respiratory system.

LD50 Dermal - rabbit - > 5,000 mg/kg

no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: May cause sensitisation by skin contact.

Germ cell mutagenicity: no data available

Carcinogenicity:

Carcinogenicity - rat - Oral:

Tumorigenic:Carcinogenic by RTECS criteria. Kidney, Ureter, Bladder:Kidney tumors. Tumorigenic Effects: Testicular

Carcinogenicity - mouse - Oral:

Tumorigenic:Equivocal tumorigenic agent by RTECS criteria. Gastrointestinal:Tumors.

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (D-Limonene)

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: GW6360000

Liver - Irregularities - Based on Human Evidence

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Oils, orange, sweet (8008-57-9) [0.1-1%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - > 5,000 mg/kg

Inhalation LC50 no data available

Dermal LD50 LD50 Dermal - rabbit - > 5,000 mg/kg

Other information on acute toxicity

Skin corrosion/irritation: Skin - rabbit - Moderate skin irritation - 24 h

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):

no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):

no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

RTECS: RI8600000

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ECOLOGICAL INFORMATION

Benzenesulfonic acid, dimethyl-, sodium salt (1300-72-7) [1-5%]

Toxicity: no data available

Persistence and degradability: Biodegradability aerobic Result: 83 - 85 % - Readily biodegradable. Method: OECD Test Guideline 301B

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Sodium hydroxide (1310-73-2) [1-5%]

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Toxicity:

Toxicity to fish LC50 - *Gambusia affinis* (Mosquito fish) - 125 mg/l - 96 h.
 LC50 - *Oncorhynchus mykiss* (rainbow trout) - 45.4 mg/l - 96 h
 Toxicity to daphnia and Immobilization EC50 - *Daphnia* - 40.38 mg/l - 48 h.
 other aquatic invertebrates

Persistence and degradability: The methods for determining the biological degradability are not applicable to inorganic substances.

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- (5989-27-5) [0.1-1%]

Toxicity:

Toxicity to fish LC50 - *Pimephales promelas* (fathead minnow) - 0.702 mg/l - 96.0 h.
 Toxicity to daphnia and EC50 - *Daphnia pulex* (Water flea) - 69.6 mg/l - 48 h.
 other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life.

13	DISPOSAL CONSIDERATIONS
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Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of in accordance with all federal, state, and local laws.

Hazardous Waste Codes: Waste codes should be assigned by the user based on the application for which the product was used.

Contaminated packaging: Dispose of as unused product.

14	TRANSPORT INFORMATION
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UN1824, Sodium hydroxide solution, 8, PGIII

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15	REGULATORY INFORMATION
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Component (CAS#) [%] - CODES

Benzenesulfonic acid, dimethyl-, sodium salt (1300-72-7) [1-5%] TSCA

RQ(1000LBS), Sodium hydroxide (1310-73-2) [1-5%] CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- (5989-27-5) [0.1-1%] TSCA

Oils, orange, sweet (8008-57-9) [0.1-1%] TSCA

Regulatory CODE Descriptions

- RQ = Reportable Quantity
- TSCA = Toxic Substances Control Act
- CERCLA = Superfund clean up substance
- CSWHS = Clean water Act Hazardous substances
- MASS = MA Massachusetts Hazardous Substances List
- OSHA = OSHA workplace Air Contaminants
- PA = PA Right-To-Know List of Hazardous Substances
- TXAIR = TX Air Contaminants with Health Effects Screening Level

16	OTHER INFORMATION
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NOTICE: This information is presented in good faith and believed to be accurate as of the effective date below. However, no warranty is express or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Coatings For Industry, Inc. assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material, such vendees or users assume all risks associated with the use of the material. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The preceding specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.