

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION**Product Name: H.D. FLOOR CLEANER**

#B02470

Product Use: Automotive Detailing

Manufacturer/Supplier:
Floor Works, LLC

TEL: 562 241 2658

Email: lp.floorworks@gmail.com

SECTION 2: HAZARD(S) IDENTIFICATIONHealth EnvironmentalPhysical

Eye Effects – Category 2A (Irritant)

Skin Corrosion – Category 3 (Mild Irritation)

Acute Toxicity – Category 5 (Oral)

Category 5 (inhalation),

Category 5 (dermal)

Skin Sensitization – N/A

Mutagenicity – N/A

Carcinogenicity- N/A

Reproductive/Developmental- N/A

Target Organ Toxicity – N/A

Toxicity – N/A

Aspiration Hazard – N/A

Environmental Hazards – N/A

Hazardous to the aquatic environment – N/A

Flammable Liquid – N/A

Explosives – N/A

Flammable Gases – N/A

Flammable Aerosols – N/A

Oxidizing Gases – N/A

Gases Under Pressure – N/A

Flammable Solid – N/A

Self-reactive substances – N/A

Pyrophoric solids – N/A

Self-Heating substances – N/A

Oxidizing Liquids – N/A

Oxidizing Solids – N/A

Organic Peroxides – N/A

Corrosive to Metal – N/A

Substances which, in contact with water emit flammable gasses – N/A



Hazard Statements

WARNING!

H303 May be harmful if swallowed.
 H313 May be harmful if in contact with skin.
 H319 Causes serious eye irritation.
 H333 May be harmful if inhaled.

Precautionary Statements

General:

P101 If medical advice is needed, have product or label at hand.
 P102 Keep out of reach of children
 P103 Read label before use.

Prevention:

P280 Wear protective gloves/eye protection/face protection.
 P264 Wash thoroughly after handling.

Response:

P301 + 312 **IF SWALLOWED:** Call a POISON CONTROL CENTER or doctor/physician if you feel unwell.
 P304 + P312 + P340 **IF INHALED:** Remove person to fresh air and keep comfortable for breathing.
 Call a POISON CONTROL CENTER or doctor/physician if you feel unwell.
 P305 + P351 +P338 **IF IN EYES:** Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+313 If eye irritation persists get medical advice/attention.

Storage:

N/A

Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>Weight %</u>
Water	7732-18-5	60 - 100
Sodium Hydrate	1310-73-2	≤ 2
Dodecylbenzen	27176-87-0	8 - 19
Sodium Metasilicate Penta	6834-92-0	5 – 15
2Hydroxy 1,2,3-Propanetricarboxylic Mono.	5949-29-1	≤ 5
Ethylene Glycol Butyl	111-76-2	15- 25
Fragrance	Proprietary Mixture	≤ 1

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush immediately with large amounts of clean water for at least 15 minutes, Eyelids should be held away from the eyeball to ensure thorough rinsing. If any irritation persists, seek medical attention.

Skin Contact: Rinse area with soap and water. Seek medical attention if any redness or irritation persists

Inhalation: If breathing is difficult or irritating, move to fresh air immediately. If symptoms persist, get medical attention.

Ingestion: Get immediate medical attention. Do not induce vomiting unless directed by medical personnel.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use dry chemical, foam, or carbon dioxide to extinguish fire. Water may be ineffective but should be used to cool fire-exposed containers, structures and to protect personnel. Use water to dilute spills and to flush them away from sources of ignition.

Fire Fighting Procedures: No special protective action for fire fighters are anticipated.

Unusual Fire and Explosion: N/A

Combustion Products: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Contain large spills with dikes to prevent entry to waterways and sanitary sewers and transfer the material to appropriate containers for reclamation or disposal. Absorb/trap remaining material or small spills with inert material (dirt, sand, industrial absorbent) and then place in chemical waste containers. Flush residual spill area with large amounts of water. Dispose of all clean up materials in accordance with all applicable federal, state, and local health and environmental regulations.

SECTION 7: HANDLING AND STORAGE

Handling: Do not get in eyes, on skin or on clothing. Do not breathe vapor or mists. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. Keep operating temperatures below ignition temperatures at all times. Chemical resistant splash goggles and chemical resistant gloves are always recommended when using chemicals.

Storage: Keep container tightly closed in a cool, dry, well-ventilated area away from heat, source of ignition and incompatibles.
Do not store below 32 degrees F or above 100 degrees F. Do not store in direct sunlight. Keep away from children.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits: Ethylene Glycol Monobutyl 111-76-2

ACGIH	Time weighted average	20 ppm
NIOSH	Recommended exposure limit (REL)	5 ppm
NIOSH	Recommended exposure limit (REL)	24 mg/m ³
OSHA Z1	Permissible exposure limit	50 ppm
OSHA Z1	Permissible exposure limit	240 mg/m ³

Engineering Controls: Local exhaust ventilation may be necessary to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Provide mechanical ventilation for confined spaces.

Personal Protective Equipment (PPE):

Eye Protection: Wear chemical safety goggles and face shield. Have eye-wash stations available where eye contact can occur.

Skin Protection: Avoid prolonged skin contact. Wear gloves impervious to conditions of use. Additional protection may be necessary to prevent skin contact including use of apron. A safety shower should be located in the work area.

Respiratory Protection: If exposure limits are exceeded, NIOSH approved respiratory protection should be worn. A NIOSH approved respirator for organic vapors is generally acceptable.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Flashpoint:	No flash point	Lower Flammability Limit:	No data available
Auto-ignition Temperature:	No data available	Upper Flammability Limit:	No data available
Boiling Point:	≥ 95°C	Volatile Organic Compound:	.5% weight [CARB]
Melting Point:	No data available	Volatile Organic Compound:	5 g/l [SCAQMD 443.1
Vapor Pressure:	No data available	Evaporation Rate (Water=1):	No data available
Vapor Density (Air = 1):	No data available	Viscosity:	No data
Solubility:	Soluble in water	pH:	10 ± .5
Pour Point:	Not available	Molecular Weight:	Mixture
Molecular Formula:	Mixture	Spec. Grav. / Density:	8.848 lbs. /gal.
Odor/Appearance:	No Scent / Clear Liquid		

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	None.
Chemical Stability:	Stable
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Conditions to avoid:	None
Incompatible materials:	Strong acids and oxidizers.
Hazardous Decomposition:	None know.

SECTION 11: TOXICOLOGICAL INFORMATION

Signs and Systems of Exposure: Based on the test data and/or information on the components, this material may produce the following health effects:

Inhalation: Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin Contact: Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. Allergic Skin Reaction (non-photo induced) in sensitive people: Signs/symptoms may include redness, swelling, blistering, and itching.

Eye Contact: Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Target Organ Effects: Allergic Skin Reaction (non-photo induced) in sensitive people. Signs/symptoms may include redness, swelling, blistering, and itching.

Toxicological Data: If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
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Sodium Hydroxide	Oral	Rabbit	LD Lo Rabbit: 500 mg/kg
Sodium Hydroxide	Inhalation	-	No data available
Sodium Hydroxide	Dermal	Rabbit	LD 50 Rabbit: 1,350 mg/kg
Dodecylbenzen	Oral	Rabbit	LD 50: 1407 mg/kg
Dodecylbenzen	Inhalation	-	No data available
Dodecylbenzen	Dermal	-	No data available
Ethelyne Glycol	Oral	Guinea pig	LD 50 1,200 mg/kg
Ethelyne Glycol	Inhalation	Guinea pig	LD 50 >633ppm, 1h.
Ethelyne Glycol	Dermal	Guinea pig	LD 50 >2,000 mg/kg
Sodium Metasilicate Pentahyd	Oral	Rat	LD 50 1153 mg/kg
Sodium Metasilicate Pentahyd	Inhalation	-	No data available
Sodium Metasilicate Pentahyd	Dermal	-	No data available
2Hydroxy 1,2,3-Propanetricarboxylic Mono	Oral	Rat	LD 50 : >11700 mg/kg
2Hydroxy 1,2,3-Propanetricarboxylic Mono	Inhalation	-	No data available
2Hydroxy 1,2,3-Propanetricarboxylic Mono	Dermal	-	No data available

Skin Corrosion/Irritation

Name	Route	Species	Value
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Serious Eye Damage/Irritation

Name	Route	Species	Value
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Skin Sensitization

Name	Route	Species	Value
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Respiratory Sensitization

Name	Route	Species	Value
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Germ Cell Mutagenicity

Name	Route	Species	Value
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Carcinogenicity

Name	Route	Species	Value
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Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Species	Value
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Target Organ (s)

Specific Target Organ Toxicity – Single Exposure

Name	Route	Species	Value
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Specific Target Organ Toxicity – repeated exposure

Name	Route	Species	Value
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Aspiration Hazard

Name	Route	Species	Value
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SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity

Acute and Prolonged Toxicity to Fish:

No Data

Acute Toxicity to Aquatic Invertebrates:

No Data

Environmental Fate and pathways

No Data

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

14: Transport information Product is not classified as dangerous for transport.

14.1 UN number Not applicable.

14.2 UN proper shipping name Not applicable.

14.3 Transport hazard class(es) Not applicable.

14.4 Packing group Not applicable.

14.5 Environmental hazards Environmentally hazardous and/or Marine Pollutant: No

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

311/312 Hazard Categories:

Fire Hazard – No, Pressure Hazard – No, Reactivity Hazard – No, Immediate Hazard – Yes, Delayed Hazard – No

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313 This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Section 103

This material does not contain any components with a CERCLA RQ

California Prop. 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

United States TSCA Inventory (TSCA) All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200
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SECTION 16: OTHER INFORMATION

NFPA Hazardous Classification

Health: 2

Flammability: 0

Instability: 0

Special Hazard: None

Revision Indicator: SDS Revision # 4 / Issued July 9, 2018

The information contained herein is based on data considered to be accurate. However, the information is provided without any warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product.