

SAFETY DATA SHEET

1. Product and Company Identification

Product Name	ACCELERATE
Product Number	431
Product Type	Mixture
Product Use	Spray wax for auto car washes
Manufacturer/Supplier	National Purity 6840 Shingle Creek Parkway, Suite #23 Brooklyn Center, MN 55430
Company Contact	612-672-0022
Emergency Telephone Number	1-800-255-3924
Email	customerservice@nationalpurity.com

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910 OSHA HCS

- Flammable liquid, (Category 3) H226
- Acute toxicity, Oral (Category 4) H302, H332
- Skin irritation, (Category 2) H312
- Eye irritation, (Category 2/2A) H319
- Respiratory irritation (Category 4) H332
- Acute aquatic toxicity, (Category 3) H402
- Chronic aquatic toxicity, (Category 3) H412

GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard Statements

- | | |
|------|---|
| H226 | Flammable liquid and vapor |
| H302 | Harmful if swallowed. |
| H312 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H402 | Harmful to aquatic life. |
| H412 | Harmful to aquatic life with long lasting effects |

Precautionary Statements

Prevention

- | | |
|------|--|
| P210 | Keep away from heat/sparks/open flames/hot surfaces and other sources of ignition. No smoking. |
| P264 | Wash hands thoroughly after handling. |
| P270 | Do not eat, drink, or smoke when using this product. |

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing mist/vapors/spray.
P273	Avoid release to the environment.
Response	
P370+P378	In case of fire, use procedures proper for the primary source of the fire.
P302+P352	IF ON SKIN, wash thoroughly with soap and water and rinse with plenty of water.
P312	Call a POISON CENTER/doctor if irritation occurs or if feeling unwell.
P362+P364	Take off contaminated clothing and wash before reuse.
P301+P312+P330	IF SWALLOWED, immediately call a POISON CENTER/doctor. DO NOT INDUCE VOMITING. Rinse mouth with water.
P305+P351+P337+P313	IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if present. Continue rinsing. If eye irritation persists, Get medical advice and attention
P304+P340+P312	IF INHALED: remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if having difficulty breathing or feeling unwell.
Storage/Disposal	
P403+P235+P340	Store in a well ventilated place. Keep cool. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/federal regulations.

3. Composition/Information on Ingredients

The following are criteria for ingredients to be listed in this section: Ingredients that meet the criteria for carcinogenic, toxic to reproduction, or specific target organ toxicity and components otherwise considered hazardous according to OSHA which exceed the cut off limits for SDS specified by the criteria for mixtures are listed. Nonhazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.

Hazardous Components	CAS#	Classification	%
Distillates, petroleum, hydrotreated middle	64742-46-7	H302, H332	5-10%
Dicoco alkyl dimethyl chlorides	61789-77-3	H302, H319, H401, H413	10-15%
Isopropyl alcohol	67-63-0	H225, H319	4-8%
C14-C18 Alkylamine ethoxylate	68155-39-5	H303, H319	4-8%
2-Butoxyethanol	111-76-2	H227, H315, H320, H335	3-7%
Citronella	8000-29-1	H227, H314	0-1%

4. First Aid Measures

Description of First Aid Procedures

General Advice	Consult a physician. Show this SDS to the doctor.
In Case of Eye Contact	Flush with cool running water for 15 minutes. Remove contact lenses if present. Get immediate medical attention.
In Case of Skin Contact	Wash with soap and water and rinse thoroughly with cool running water. Remove contaminated clothing. Get immediate medical attention if irritation persists.
If Ingested	Rinse mouth with water. Do not induce vomiting. Obtain immediate medical attention. Never give anything by mouth to an unconscious person.
If Inhaled	Move person to fresh air. If breathing difficulty persists, consult a physician.
Notes to Physician	Symptoms may be delayed.
General advice	Seek medical attention if feeling unwell. Show the SDS to the physician in attendance.

5. Fire-fighting Measures

Flammable properties

Flammable.

Extinguishing media	Use dry chemical, foam, carbon dioxide or water fog.
Protection of firefighters	Firefighters should wear protective clothing including self-contained breathing apparatus.
Hazardous combustion products	May include and not limited to oxides of carbon, and nitrogen, organic amines, hydrogen chloride, methyl chloride, and various unknown organic compounds.
Unusual Fire, Explosion hazards	Containers may melt or rupture from heat of fire. May form combustible mixtures with air when heated. Water or foam may cause frothing which can be violent if sprayed into containers of hot, burning liquid.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personal away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled containers unless wearing protective Clothing.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Eliminate all nearby sources of ignition and extinguish nearby heat sources and open flames. Small spills, absorb or cover with dry earth, sand, or other inert non combustible absorbent material and place in waste containers for disposal. Large spills, dike area to prevent from spreading. If possible, pump liquid to disposal containers. Remaining liquid can be treated as a small spill and absorbed with suitable noncombustible material and placed into disposal containers.
Environmental precautions	Avoid spills. Keep out of waterways.

7. Handling and Storage

Precautions for Safe Handling	Use good industrial hygiene practices when handling this material. Avoid contact with eyes, skin, and clothing. Wash contaminated clothing before reuse.
Conditions for Safe Storage	Keep container closed when not in use. Keep out of reach of children. Keep away from heat or sources of ignition. Store locked up. Empty containers may contain product residue that can ignite with explosive force. Drain and purge containers to remove material residues.

8. Exposure Controls and Personal Protection

Exposure Limits			
Ingredients	CAS#	OSHA PEL	ACGIH TLV
Distillates, petroleum, Hydrotreated, middle	64742-46-7	TWA: 5mg/m ³ 8 hours	STEL: 10mg/m ³ 15 mins.
Dicoco alkyldimethyl chlorides	61789-77-3	Not available	Not available
Isopropyl alcohol	67-63-0	400ppm TWA, 980mg/m ³ PEL	Not available
C14-C18 Alkylamine ethoxylate	68155-39-5	Not available	Not available
2-Butoxyethanol	111-76-2	Not available	Not available
Engineering controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and vapors below the recommended exposure limits.		
Personal protective equipment			
Eye/Face protection	Wear goggles or safety glasses with side shields if splash conditions exist. Have suitable eye wash water available.		
Hand protection	Wear impermeable gloves to prevent contact with skin.		
Skin and body	As required by employer code.		
Respiratory protection	Use a NIOSH approved respirator when exposure guidelines are exceeded.		

General hygiene considerations Handle in accordance with good industrial hygiene practices. Do not eat or drink when using product. Wash hands well before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance/form	Clear liquid
Color	Blue
Odor	Petroleum/solvent odor
Odor threshold	Not established
pH	6.50-7.50 (concentrate)
Melting/freezing point	Not established
Initial Boiling point	≈212° F. (100° C.)
Flash point	54° F. (12° C.) CC
Evaporation rate	Not established
Flammability	Flammable
Upper/lower flammability or explosive limits	Not established
Vapor pressure	< 0.6 (mm Hg)
Vapor density	4-8 (air = 1)
Specific gravity/density	≈ 0.85
Solubility in water	Dispersible
VOC	< 20%
% Volatile	Approx. 70%

Other Safety Information

10. Stability and Reactivity

Reactivity	Not reactive under normal use conditions.
Chemical Stability	Stable under normal storage conditions.
Hazardous reactions	None known.
Conditions to avoid	Heat, sparks, or open flame. Do not mix with other chemicals.
Incompatible materials	Strong acids, alkalis, strong oxidizing agents.
Hazardous decomposition products	May include but not limited to oxides of carbon, and nitrogen.
Hazardous polymerization	Will not occur

11. Toxicological Information

Ingredients

Distillates, petroleum, hydrotreated middle	LC50 Not available
Dicoco alkyldimethyl chloride	Not available
Isopropyl alcohol	16000 ppm (inhalation-rat 8 hours)
C14-C18 Alkylamine ethoxylate	Not available
2-Butoxyethanol	Not available

Ingredients

Distillates, petroleum, hydrotreated middle	LD50 > 5000 mg/kg (oral-rat), > 2000 mg/kg (dermal-rabbit)
Dicoco alkyldimethyl chloride	960 mg/kg (oral-rat) based on data for similar material
Isopropyl alcohol	5,045 mg/kg (oral-rat), 12,800 mg/kg (dermal-rabbit)
C14-C18 Alkylamine ethoxylate	Not available
2-Butoxyethanol	Not available

Eye Causes severe eye irritation
Skin Causes serious skin irritation.

Ingestion	Harmful if swallowed. May cause corrosive damage to mouth, throat and stomach. Can cause nausea, vomiting, abdominal pain, hypotension, weakness and unconsciousness.
Inhalation	Harmful if inhaled. Causes irritation of mucous membranes. Over exposure can cause unconsciousness and death.
Sensitization	Nonhazardous.
Chronic effects of short and long term exposure	Prolonged exposure to skin may cause drying, defatting and irritation.
Carcinogenicity	Does not contain ingredients considered carcinogenic by NTP, or OSHA. IARC Group 3 Not classifiable as to its carcinogenicity to humans (isopropanol)
Mutagenicity	Nonhazardous.
Reproductive effects	Nonhazardous.
Teratogenicity	Nonhazardous.

12. Ecological Information

Eco-toxicity	Ecological effects for this product have not been analyzed. However, if spilled this product's ingredients are harmful to aquatic life and may have long lasting effects.
Dicoco alkyldimethyl chloride	EC50-Algae 0.06 mg/l -72 hours
Isopropyl alcohol,	LC50- Pimephales promelas (fathead minnow)- 9,640 mg/l -24 hours
	EC50-Daphnia magna (water flea) 5,102 mg/l 24 hour
	EC50-Algae >1000 mg/l – 24 hour
Environmental effects	Not Available
Aquatic toxicity	Not Available
Persistence and Degradability	Not available
Bioaccumulation/accumulation	Not Available
Partition coefficient	Not Available
Mobility in environmental media	Not Available
Chemical fate information	Not Available
Other adverse effects	Not Available

13. Disposal Considerations

Waste codes	Not Available
Disposal instructions	Dispose in accordance with local, state, and federal regulations
Wastes from residues/unused product	Containerize. Rinse area with water. Keep out of storm sewer/waterways.
Contaminated packaging	Dispose in accordance with all applicable regulations.

14. Transport Information

Basic shipping requirements:	
Proper shipping name:	Flammable liquid, corrosive n.o.s. (contains isopropyl alcohol, 2-Butoxyethanol, Alkylamine ethoxylate) 3, UN2924, PGII
Hazard class	3
UN number	2924
Packing group	II
Special provisions	
Packaging exceptions	None

15. Regulatory Information

U.S federal regulations This product has been classified in accordance with the Occupational Safety and Health Administration hazard criteria and the SDS contains all of the information required by OSHA. HCS 2012

TSCA All ingredients are listed on the Toxic Substances Control Act

**CERCLA Super Fund
 40 CFR 117.302** Product contains a material with a Reportable Quantity (RQ)
 2-Butoxyethanol RQ = 5000 Lbs.

**SARA Title III Section 311 & 312
 SARA Title III Section 313** Immediate (Acute) Health Hazard
 Isopropyl alcohol and 2-Butoxyethanol are subject to the reporting requirements of section 313 of Title III SARA.

States Right to Know Reportable chemicals:
 Petroleum distillates, Isopropanol, 2-Butoxy ethanol

Warning This product contains a chemical known to the state of California to cause cancer (Methyl chloride <0.008%)

Inventory Status

Countries	Inventory Name	On Inventory (Yes/No)*
U.S.	CIL	Yes
Canada	DSL	Yes

- A “Yes” indicates that all of the components of this product comply with the inventory requirements administered by the governing country(s) listed.

16. Other Information

HMIS RATING

HMIS Legend	
Severe 4	Health 3
Serious 3	Flammability 3
Moderate 2	Reactivity 1
Slight 1	Personal Protection B
Minimal 0	

Disclaimer

To the best of our knowledge, the information included herein is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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