

SAFETY DATA SHEET

VIVID WASH

Version: 1.0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade Name Vivid Wash

Intended Use Car refinishing/detailing products

Supplier Blue Ribbon Products
7687 Winton Dr. Bldg 130
Indianapolis, IN 46268

E-Mail blueribbon@iquest.com

Emergency phone no. +1-800-424-9300

2. HAZARDS IDENTIFICATION**Indication of danger****Risk Warnings**

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45EC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	EINECS-No	Concentration	Symbol(s)	R-phrase(s)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	68439-57-6	270-407-8	>=1 - <2.5%	Xi	R36 R38

4. FIRST AID MEASURES**GENERAL INFORMATION**

First aid is not normally required. If symptoms develop, seek medical attention.

EYES

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention. Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists. Remove contact lenses.

SAFETY DATA SHEET

VIVID WASH

Version: 1.0

Skin

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse. Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water.

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention.

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention. Move to fresh air. If symptoms persist, call a physician. In case of shortness of breath, give oxygen.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Alcohol-resistant foam, Agents approved for class B hazards or water fog., Carbon dioxide (CO₂), Dry chemical ABC powder, Dry chemical, Water mist, Carbon dioxide (CO₂)

Unsuitable extinguishing media

DO NOT USE: Halons

Hazardous combustion products

May form: carbon dioxide and carbon monoxide, sodium oxides, various hydrocarbons
May form: carbon dioxide and carbon monoxide, hydrogen sulfide, sulfur oxides

Thermal decomposition

no data available

Precautions for fire-fighting

Do not allow run-off from fire fighting to enter drains or water courses. Do NOT direct a solid stream of water or foam into hot, burning pools of liquid since this

**SAFETY DATA SHEET**

VIVID WASH

Version: 1.0

may cause frothing and increase fire intensity. Frothing can be violent and possibly endanger any firefighter standing too close to the burning liquid. Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning liquid with water used for cooling purposes. Keep containers and surroundings cool with water spray. Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Personal protective equipment

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Environmental precautions

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred. Prevent further leakage or spillage if safe to do so. (pumping) for disposal. Keep in suitable, closed containers for disposal.

Other information

Comply with all applicable federal, state, and local regulations.

7. HANDLING AND STORAGE**Handling**

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. This material is slippery when wet. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing impervious protective gloves. As with all products of this nature, good personal hygiene is essential. Hands and other exposed areas should be washed thoroughly with soap and water after contact, especially before eating and/or smoking. Regular laundering of contaminated clothing is essential to reduce

SAFETY DATA SHEET

MSDS Number: R0406018

VIVID WASH

Version: 1.0

indirect skin contact with this material. Ethylene oxide may accumulate in the headspace of shipping and storage containers and in enclosed areas where the product is being handled or used. Ethylene oxide is listed as carcinogenic by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) and the Occupational Safety and Health Administration (OSHA). Do not breathe vapours or spray mist. For personal protection see section 8. Avoid exceeding of the given occupational exposure limits (see section 8). Smoking, eating and drinking should be prohibited in the application area. No special handling advice required. Warning. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "autoignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions. Normal measures for preventive fire protection.

Storage

Store in closed containers in a dry, well-ventilated area. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Stable under recommended storage conditions. Protect from frost.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines****General advice**

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities. Ensure that eyewash stations and safety showers are close to the workstation location. Always have on hand a first-aid kit, together with proper instructions.

Exposure controls

General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, provide sufficient mechanical

SAFETY DATA SHEET

VIVID WASH

Version: 1.0

(general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects. Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

Eye protection

Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist. Safety glasses with side-shields

Skin and body protection

Not normally required. However, wear resistant gloves such as nitrile rubber to prevent irritation which may result from prolonged or repeated skin contact with product.

Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.

Wear as appropriate:

Safety shoes

Not normally required.

Wear resistant gloves such as:

Nitrile rubber

Respiratory protection

Respiratory protection is not required under normal conditions of use. No personal respiratory protective equipment normally required.

SAFETY DATA SHEET

VIVID WASH

Version: 1.0

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Form	not data available
Colour	blue
Odour	fruity
Boiling point/bolingrange	(>)212.00 °F @ 760.00 mmHg
Melting Point/range	no data available
pH	8.5
Flash point	no data available
Evaporation rate	no data available
Explosion limits	no data available
Vapour pressure	33.33 hPa @ 25 °C
Vapour density	no data available
Density	1.00 g/cm3
Solubility	no data available
Partion coefficient: n-octanol/water	no data available
log Pow	no data available
Autoignition tempature	no data available
Viscosity, dynamic	no data available
Viscosity, kinematic	no data available

10. STABILITY AND REACTIVITY**Stability**

Stable. No hazards to be specially mentioned.

Conditions to avoid

None known

Incompatible products

Avoid contact with:, reducing agents, strong alkalis, strong oxidizing agents
Avoid contact with:, Fluorine, maleic anhydride, peracetic acid, Strong acids, strong bleaching agents, strong oxidizing agents

Hazardous decomposition products

May form:, carbon dioxide and carbon monoxide, sodium oxides, various hydrocarbons
May form:, carbon dioxide and carbon monoxide, hydrogen sulfide, Sulphur oxides

SAFETY DATA SHEET

VIVID WASH

Version: 1.0

Hazardous reactions

Product will not undergo hazardous polymerization. Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

Routes of exposure

Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion, Eye Contact, Ingestion

Eye contact

Can cause severe eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Skin contact

May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns and other skin damage. No skin irritation.

Ingestion

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Not known to

Inhalation

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Not known to be harmful if inhaled.

Aggravated Medical Condition

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions) Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, lung (for example, asthma-like conditions)

SAFETY DATA SHEET

VIVID WASH

Version: 1.0

Symptoms

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: irritation (nose, throat, airways), stomach or intestinal upset (nausea, vomiting, diarrhea) Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways)

Target Organs

no data available

Component data

Acute oral toxicity

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

LD 50 Rat: 3,800 mg/kg

Acute inhalation toxicity

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

no data available

12. ECOLOGICAL INFORMATION

Product information

Aquatic toxicity

no data available

Environmental fate and pathways

Biodegradation

no data available

Bioaccumulation

The bioaccumulation potential cannot be determined.

Component data

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts (68439-57-6)

SAFETY DATA SHEET

VIVID WASH

Version: 1.0

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

Dispose of in accordance with all applicable local, state and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. Container hazardous when empty. Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations.

Empty packaging

Empty remaining contents.

European Waste Catalogue

not hazardous

14. TRANSPORT INFORMATION

Dangerous goods descriptions (if indicated above) may not reflect package size, quantity, enduse or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. REGULATORY INFORMATION

Product Use Description

no data available

Hazard symbols

none

R-phrase(s)

S-phrase(s)



Page: 10 of 10

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MSDS Number: R0406018

SAFETY DATA SHEET

VIVID WASH

Version: 1.0

Contains

Regulations in other countries

Germany

16. OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Blue Ribbon Environmental Health and Safety Department (888-274-2266).