

SHERWIN INC.

HM-430**1****PRODUCT AND COMPANY IDENTIFICATION**

Product Identifier: HM-430
SDS Number: HM-430
Revision Date: 6/14/2022
Product Use: NDT Inspection penetrant "Type 1 Methods "A" and "C" per AMS-2644/ ASTM E-1417

Supplier Details: Sherwin Inc.
5530 Borwick Avenue
South Gate, CA 90280

Phone: 562-861-6324
Email: sherwin@sherwininc.com
Internet: www.sherwininc.com

Emergency telephone number:

ChemTel 1-800-255-3924 in U.S.A, Canada, Puerto Rico and US Virgin Islands;
ChemTel +1-813-248-0585 outside U.S.A, Canada, Puerto Rico and US Virgin Islands
ChemTel Brazil: 0-800-591-6042, China: 400-120-0751, India: 000-800-100-4086 and Mexico: 01-800-099-0731

2**HAZARDS IDENTIFICATION****Classification of Substance****GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

Health, Aspiration hazard, 1
Health, Serious Eye Damage/Eye Irritation, 1
Health, Skin corrosion/irritation, 2
Health, Acute toxicity, 4 Dermal
Health, Acute toxicity, 4 Oral

GHS Label Elements, Including Precautionary Statements**GHS Signal Word:** **DANGER****GHS Hazard Pictograms:****GHS Hazard Statements:**

H304 - May be fatal if swallowed and enters airways
H318 - Causes serious eye damage
H315 - Causes skin irritation
H312 - Harmful in contact with skin
H302 - Harmful if swallowed

GHS Precautionary Statements:

P264 - Wash ... thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor
P302 + P352 - IF ON SKIN: Wash with plenty of water. If irritation persists get medical attention.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331 - Do NOT induce vomiting.
P332 + P313 - If skin irritation occurs: Get medical advice/attention.
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

SHERWIN INC.

HM-430**3 COMPOSITION/INFORMATION ON INGREDIENTS****Chemical Ingredients**

CAS#	%	Chemical Name
84133-50-6	25-50%	Alcohols, C12-14-secondary, ethoxylated
64742-47-8	15-40%	Distillates (petroleum), hydrotreated light
64742-52-5	15-40%	Distillates (petroleum), hydrotreated heavy naphthenic
127087-87-0	15-40%	Poly (oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched

NOTE: Product contains substances that have an exposure limits; see Section 8.

4 FIRST AID MEASURES

- Inhalation:** Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.
- Skin Contact:** Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids to facilitate irrigation. Get immediate medical attention.
- Ingestion:** Clean mouth with water and drink afterwards plenty of water. Keep respiratory tract clear. Do NOT induce vomiting or attempt chemical neutralization. If symptoms persist, call a physician.

5 FIRE FIGHTING MEASURES

- Flash Point:** > 93 °C (> 200 °F)
- Flash Point Method:** ASTM D-93
- Autoignition Temp:** Not determined
- Lower Explosive Limit:** Not determined
- UEL:** Not determined
- Suitable extinguishing agents:** Water haze, Foam, ABC powder

Special hazards arising from the substance or mixture: Carbon monoxide and carbon dioxide

Protective equipment: Wear self-contained respiratory protective device. Wear fully protective suit

Unsuitable extinguishing media: High volume water jet

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation

Environmental precautions: Do not allow to enter storm sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Collect liquid in an appropriate container or absorb with an inert material such as vermiculite, dry sand, or earth; DO NOT use combustible materials.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation..Place in a chemical waste container.

SHERWIN INC.

HM-430

7

HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing. Consider normal working hygiene.

Storage Requirements: Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully re-sealed and kept upright to prevent leakage.
Containers may be hazardous when empty since residue liquid may be present

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use mechanical (general) ventilation for storage areas.

Personal Protective Equipment: Chemical resistant gloves;
Chemical safety glasses;
No personal respiratory protective equipment normally required. In case of vapor formation or aerosols use an organic vapor respirator with dust, mist, and fume filters;
Impervious clothing.

Exposure Limits:

Substance Name	Form	Limit	Regulation/Source
Distillates (petroleum), hydrotreatedlight naphthenic	Inhalable fraction	TWA 5mg/m3, 8 hours TWA 5mg/m3, 8 hours	ACGIH TLV OSHA PEL
	TWA 5mg/m3, 10 hours	NIOSH REL	Mist
	STEL 10mg/m3 15 minutes	NIOSH REL	Mist
1,2-Benzedicarboxylic acid DIC9-11 branched alkylesters, C10 rich	Aerosol	TWA 5mg/m3	ExxonMobil
Polyethylene glycol	Aerosol	TWA 10mg/m3	US WEEL



General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with eyes and skin.

SHERWIN INC.

HM-430
9
PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow fluorescent		
Physical State:	Liquid	Odor:	Mild
		Solubility:	Soluble in water
Spec Grav./Density:	0.95		
Viscosity:	Kinematic at 37.8 °C (100 °F): 19.8 cSts (ASTM D455)		
Boiling Point:	>200 °C (392 °F)	Flash Point:	> 93 °C (> 199 °F) (ASTM D-93)
Vapor Pressure:	< 0.1 mmHg @ 20 °C (68 °F)	Vapor Density:	> 1 @ 20 - 25 °C (68 - 77 °F) (Air = 1.0)
pH:	5.5 - 7.5 @ 1 % @ 20 - 25 °C (68 - 77 °F)		
Evaporation Rate:	Not determined	Auto-Ignition Temp:	No data available
		UFL / LFL:	No data available

10
STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction under normal use.
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid Identification:	Elevated temperatures
Materials to Avoid Identification:	Strong Acids; Strong Bases Strong Oxidizing Agents.
Hazardous Decomposition:	No dangerous decomposition products known
Hazardous Polymerization:	Will not occur.

11
TOXICOLOGICAL INFORMATION

Risk of serious damage to eyes.
Irritating to skin.

Acute oral toxicity: LD/50 (Rat) estimated >3000 mg/kg
 Acute dermal toxicity: LD/50 (Rabbit) estimated >2000 mg/kg
 Acute Inhalation Dusts and mists LC50(rat) >10 mg/l

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

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.

SHERWIN INC.

HM-430

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.

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.

STOT - single exposure: No data available

STOT - repeated exposure: No data available

12 ECOLOGICAL INFORMATION**Ecotoxicity**

84133-50-6 Secondary alcohol ethoxylates : LC50/96h: 3.5 - 4.9 mg/l (Fish)
EC50/48h: 3.1 mg/l (daphnia)

Toxic to aquatic life

Persistence and degradability

Readily biodegradable.

Bioaccumulative potential

No data available

Mobility in soil

No data available

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local, state and federal regulations

Empty containers may retain product residue (liquid and/or vapor) and can be dangerous.

14 TRANSPORT INFORMATION

DOT, IATA, IMDG

Not regulated

15 REGULATORY INFORMATION

Toxic Substances Control Act, TSCA: All components listed

SARA 302: No chemicals in this product are subject to reporting requirements of SARA Title III, Section 302

SARA 304 Emergency release notification: Not regulated.

SARA 311/312 Hazards: Immediate (acute) health hazard

SARA 313: This product does not contain a chemical listed at or above de minimis concentration

CERCLA Reportable Quantity: None

Waste Classification: This product does not meet RCRA's characteristic definition of ignitibility, corrosivity, or reactivity and is not a listed waste nor listed in 40CFR 261.33

P

Prop 65:  **WARNING:** Cancer - www.P65Warnings.ca.gov. This warning is given to comply with California Health and Safety Code 25249.6 and does not constitute an admission or a waiver of rights.

SHERWIN INC.

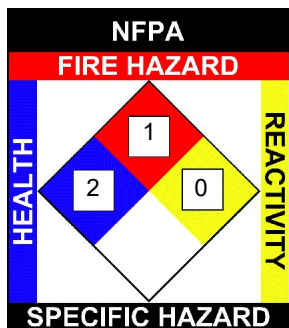
HM-430

and Safety Code 25249.0 and does not constitute an admission or a waiver of rights.

Ingredient name	Cancer	Reproductive harm
No significant risk level Maximum acceptable		
1,2-Benzedicarboxylic acid	X	dosage level
Yes		
DIC9-11 branched alkylesters, C10 rich		
Chrysene	X	
Yes		

16 OTHER INFORMATION

NFPA: Health = 2, Fire = 1, Reactivity = 0, Specific Hazard = n/a



This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Author: Sherwin Inc.

Publication Date: July 18, 2025

Revision No. 0, New logo, information still current

Revision Date: 6/14/2022

Print Date: 08/18/2025