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Safety Data Sheet



Revision Number: 007.0

Issue date: 04/15/2020

1. PRODUCT AND COMPANY IDENTIFICATION

IDH number:

Product name:

Product type/use:

Restriction of Use:

Company address:

Henkel Corporation

One Henkel Way

BONDERITE C-AK 5948-DPM AERO ALKALINE CLEANER known as TURCO 5948-DPM Alkaline Cleaner for Industrial Application None identified Rocky Hill, Connecticut 06067

United States Region: **Contact information:** Telephone: +1 (860) 571-5100 MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887 Internet: www.henkelna.com

597211

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW WARNING: CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A
SKIN SENSITIZATION	1

PICTOGRAM(S)

Precautionary Statements

Prevention:	Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling.
	Contaminated w ork clothing should not be allow ed out of the w orkplace. Wear protective
	gloves, eye protection, and face protection.
Response:	IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several
	minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or
	rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off
	contaminated clothing.
Storage:	Not prescribed
Disposal:	Dispose of contents and/or container according to Federal, State/Provincial and local
	governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CASNumber	Percentage*	
4-Nonylphenol, branched	127087-87-0	5 - 10	
(2-Methoxymethylethoxy)propanol	34590-94-8	5 - 10	
Monoethanolamine	141-43-5	1-5	

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Proprietary

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4.	FIRST AID MEASURES
Inhalation:	If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.
Skin contact:	For skin contact flush w ith large amounts of w ater. If symptoms develop and persist, get medical attention.
Eye contact:	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.
Ingestion:	Get immediate medical attention. DO NOT induce vomiting unless directed to do so by medical personnel.
Symptoms:	See Section 11.
Notes to physician:	Treat symptomatically and supportively.
5. F	IRE FIGHTING MEASURES
Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Special firefighting procedures:	Wear full protective clothing. Wear self-contained breathing apparatus.
Unusual fire or explosion hazards:	May liberate large quantities of dense, foul-smelling smoke w hich may contain unidentified toxic gasses.

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular w eight hydrocarbons. Oxides of nitrogen.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, is olate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sew er or waterways. Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.
Clean-up methods:	Collect spilled material with an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Dispose of according to Federal, State and local governmental regulations. Thoroughly wash the area with water after a spill or leak clean-up.

7. HANDLING AND STORAGE

 Handling:
 Avoid contact w ith eyes, skin and clothing. Wash thoroughly after handling. Do not mix this product w ith fluids which contain NITRITES/NITRATES.

 NITROSAMINE
 may be formed. Avoid breathing vapors or mists of this product. Use only w ith adequate ventilation. Do not take internally. For industrial use only.

Storage:

Hazardous combustion products:

For safe storage, store between 5 °C(41°F) and 50 °C (122°F)

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

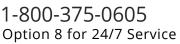
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
4-Nonylphenol, branched	None	None	None	None
(2-Methoxymethylethoxy)propanol	150 ppm STEL 100 ppm TWA (SKIN)	(SKIN) 100 ppm (600 mg/m3) PEL	None	None
Monoethanolamine	6 ppm STEL 3 ppm TWA	3 ppm (6 mg/m3) PEL	None	None
Terpenoid	None	None	30 ppm (165.5 mg/m3) TWA	None

Engineering controls:

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

Respiratory protection:

If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

Eye/face protection:

Skin protection:

Wear chemical goggles; face shield (if splashing is possible).

Chemical resistant, impermeable gloves. Gloves should be tested to determine suitability for prolonged contact. Use of impervious apron and boots are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Color: Odor: Odor threshold: pH: Vapor pressure: Boiling point/range: Melting point/range: Specific gravity: Vapor density: Flash point: Flam mable/Explosive limits - low er: Flam mable/Explosive limits - low er: Flam mable/Explosive limits - upper: Autoignition temperature: Flam mable/Explosive limits - upper: Autoignition temperature: Flam mability: Evaporation rate: Solubility in water: Partition coefficient (n-octanol/water): VOC content: Vis cosity:	Liquid Blue Orange like Not available. 11.4 - 12.2 Not determined > 93.3 °C (> 199.9 °F)calculated Not applicable 1.006 - 1.026 > 1 > 93.33 °C (> 199.99 °F) Cleveland open cup Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not available. 8.3 % (calculated) Not available.
VOC content: Vis cosity: De com position temperature:	

10. STABILITY AND REACTIVITY

Stability:	Stable at normal conditions.
Hazardous reactions:	None under normal processing.
Hazardous decomposition products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular w eight hydrocarbons.
Incompatible materials:	This product may react with oxidizing agents. Reaction with strong acids.
Reactivity:	Not available.
Conditions to avoid:	Do not mix this product with nitrites or other nitrosating agents because a carcinogenic nitrosamine may be formed.

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11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure:

sure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation:	This product is irritating to the respiratory system.
Skin contact:	This product may cause irritation to the skin. May cause sensitization by skin contact.
Eye contact:	This product is severely irritating to the eyes and may cause irreversible damage including
	burns and blindness. May cause mild to severe eye irritation.
Ingestion:	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
4-Nonylphenol, branched	None	No Target Organs
(2-Methoxymethylethoxy)propanol	Oral LD50 (Rat) = 5.35 g/kg Dermal LD50 (Rabbit) = 9.5 g/kg	Irritant
Monoethanolamine	Oral LD50 (Rat) = 10.2 g/kg Oral LD50 (Mouse) = 700 mg/kg Dermal LD50 (Rabbit) = 1,025 mg/kg	Irritant, Kidney, Liver, Corrosive, Respiratory, Developmental
Terpenoid	Oral LD50 (Mouse) = 5,600 - 6,600 mg/kg	Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
4-Nonylphenol, branched	No	No	No
(2-Methoxymethylethoxy)propanol	No	No	No
Monoethanolamine	No	No	No
Terpenoid	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information:

Do not empty into drains / surface water / ground water.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal:Dispose of according to Federal, State and local governmental regulations.Hazardous waste number:Material, if discarded, is not expected to be a characteristic hazardous waste
under RCRA. Wastes must be tested using methods described in 40 CFR Part
261 to determine if it meets applicable definitions of hazardous wastes.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any pack age/configuration.

U.S. Department of Transportation Ground (49 CFR)

Propershipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

International Air Transportation (ICAO/IATA)

Propershipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

Water Transportation (IMO/IMDG)

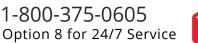
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Propershipping name: Hazard class or division: Identification number: Packing group:

Not regulated None None None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.
TSCA 12 (b) Export Notification:	None above reporting de minimis
CERCLA/SARA Section 302 EHS: CERCLA/SARA Section 311/312: CERCLA/SARA Section 313:	None above reporting de minimis. Immediate Health, Delayed Health This product contains the follow ing toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). 4-Nonylphenol, branched (CAS# 127087-87-0).
California Proposition 65:	This product contains a chemical know n to the State of California to cause birth defects or other reproductive harm. This product contains a chemical know n in the State of California to cause cancer.
Canada Regulatory Information	
CEPA DSL/NDSL Status:	All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

Prepared by: Regulatory Affairs

Issue date: 04/15/2020

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1-800-375-0605

Option 8 for 24/7 Service



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