



Revision Number: 004.1

Issue date: 03/02/2009

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name: TURCO AVIATION IDH number: 598454  
 Product type: Cleaner Region: United States  
 Company address: Contact information:  
 Henkel Corporation Telephone: 248.583.9300  
 32100 Stephenson Highway For Chemical Emergency: Call CHEMTREC at 800.424.9300  
 Madison Heights, MI 48071 Internet: www.henkelna.com

**2. HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW			
Physical state:	Solid	HEALTH:	3
Color:	White	FLAMMABILITY:	0
Odor:	None	PHYSICAL HAZARD:	0
		Personal Protection:	See MSDS Section 8

**DANGER -- CORROSIVE! CAUSES EYE, SKIN AND RESPIRATORY TRACT BURNS.**

Relevant routes of exposure: Skin, Inhalation, Eyes

**Potential Health Effects**

**Inhalation:** Can cause severe irritation and burns to the respiratory tract.  
**Skin contact:** Corrosive to the skin. Contact with the skin or mucous membranes may cause severe irritation and burns.  
**Eye contact:** Causes eye burns.  
**Ingestion:** Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.

Existing conditions aggravated by exposure: Eye, skin and respiratory disorders.

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous components	CAS NUMBER	%
Sodium phosphate, dibasic	7558-79-4	10 - 30
Sodium metasilicate	6834-92-0	10 - 30
Pentasodium triphosphate	7758-29-4	5 - 10
Tetrasodium pyrophosphate	7722-88-5	5 - 10
Fatty alcohol ethoxylate/propoxylate	Proprietary	1 - 5

**4. FIRST AID MEASURES**

**Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms develop and persist, get medical attention.  
**Skin contact:** For skin contact flush with large amounts of water. Obtain medical attention if irritation persists.

**Eye contact:** In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

**Ingestion:** DO NOT induce vomiting unless directed to do so by medical personnel. Give one to two glasses of water or milk. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get immediate medical attention.

**Notes to physician:** No information available.

**5. FIRE FIGHTING MEASURES**

**Flash point:** > 232 °C (> 449.6 °F)

**Autoignition temperature:** Not determined

**Flammable/Explosive limits - lower:** Not applicable

**Flammable/Explosive limits - upper:** Not applicable

**Extinguishing media:** Use media appropriate for surrounding material.

**Special firefighting procedures:** Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

**Unusual fire or explosion hazards:** Not a fire hazard.

**Hazardous combustion products:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**6. ACCIDENTAL RELEASE MEASURES**

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

**Environmental precautions:** Ventilate area. Do not allow product to enter sewer or waterways.

**Clean-up methods:** Avoid the generation of dusts during clean-up. Sweep up or gather material and place in appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.

**7. HANDLING AND STORAGE**

**Handling:** Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Avoid breathing dust. Wash thoroughly after handling.

**Storage:** Keep the container tightly closed and in a cool, well-ventilated place.

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

**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 components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Sodium phosphate, dibasic	None	None	None	None
Sodium metasilicate	None	None	None	None
Pentasodium triphosphate	None	None	None	None
Tetrasodium pyrophosphate	None	None	None	None
Fatty alcohol ethoxylate/propoxylate	None	None	None	None

**Engineering controls:** Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.

**Respiratory protection:** If ventilation is not sufficient to effectively prevent buildup of dust, appropriate NIOSH/MSHA respiratory protection must be provided.

**Eye/face protection:** Wear chemical goggles.

**Skin protection:** Chemical resistant, impermeable gloves. Use of impervious apron and boots are recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state:** Solid  
**Color:** White  
**Odor:** None  
**Odor threshold:** Not available  
**pH:** 12.0  
**Vapor pressure:** Not applicable  
**Boiling point/range:** Not determined  
**Melting point/ range:** Not determined  
**Specific gravity:** Not applicable  
**Vapor density:** Not applicable  
**Flash point:** > 232 °C (> 449.6 °F)  
**Flammable/Explosive limits - lower:** Not applicable  
**Flammable/Explosive limits - upper:** Not applicable  
**Autoignition temperature:** Not determined  
**Evaporation rate:** Not determined  
**Solubility in water:** Complete  
**Partition coefficient (n-octanol/water):** Not determined  
**VOC content:** Not available

**10. STABILITY AND REACTIVITY**

**Stability:** Stable at normal conditions.

**Hazardous reactions:** Will not occur.

**Hazardous decomposition products:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**Incompatible materials:** This product may react with strong acids or oxidizing agents.

**Conditions to avoid:** Store away from incompatible materials.

**11. TOXICOLOGICAL INFORMATION**

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Sodium phosphate, dibasic	No	No	No
Sodium metasilicate	No	No	No
Pentasodium triphosphate	No	No	No
Tetrasodium pyrophosphate	No	No	No
Fatty alcohol ethoxylate/propoxylate	No	No	No

Hazardous components	Health Effects/Target Organs
Sodium phosphate, dibasic	Irritant, Corrosive
Sodium metasilicate	Irritant, Corrosive, Eyes
Pentasodium triphosphate	Corrosive, Irritant, Metabolic
Tetrasodium pyrophosphate	Corrosive, Irritant, Metabolic
Fatty alcohol ethoxylate/propoxylate	No Data

## 12. ECOLOGICAL INFORMATION

Ecological Information: Not available

## 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.

## 14. TRANSPORT INFORMATION

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

Proper shipping name: Disodium trioxosilicate mixture  
Hazard class or division: 8  
Identification number: UN 3253  
Packing group: III  
DOT Reportable quantity: Sodium phosphate, dibasic

### International Air Transportation (ICAO/IATA)

Proper shipping name: Disodium trioxosilicate mixture  
Hazard class or division: 8  
Identification number: UN 3253  
Packing group: III

### Water Transportation (IMO/MDG)

Proper shipping name: DISODIUM TRIOXOSILICATE mixture  
Hazard class or division: 8  
Identification number: UN 3253  
Packing group: III

## 15. REGULATORY INFORMATION

### United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.  
TSCA 12(b) Export Notification: None above reporting de minimus  
CERCLA/SARA Section 302 EHS: None above reporting de minimus  
CERCLA/SARA Section 311/312: Immediate Health  
CERCLA/SARA 313: None above reporting de minimus  
CERCLA Reportable quantity: Sodium phosphate, dibasic (CAS# 7558-79-4) 5,000 lbs. (2,270 kg)  
California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

### Canada Regulatory Information

CEPA DSL/NDSL Status: Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.  
WHMIS hazard class: D.2.B, E

## 16. OTHER INFORMATION

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

Prepared by: Regulatory Affairs

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