

AERCHEM INC.
400 W. 7th Street, Suite 112
Bloomington, IN 47404

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 9/5/96
Product Name: sodium hexametaphosphate
Common Name: sodium polyphosphate

Chemical Formula: long chained sodium polyphosphate
CAS No.: 10361-03-2

SECTION 2: HAZARDOUS INGREDIENTS:

Not a dangerous substance, although, avoid getting into sewage system or surface water.

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor:	white, odorless, solid powder
Boiling point:(760 mmHg)	n/a
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	n/a
Solubility in water:(by weight)	ca. 1000 g/L at 20°C
Melting Point:	ca. 550 °C
Density:	2.5 g/cm ³ at 20°C
pH:	7.7 at 20°C at 10 g/L H ₂ O

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information:

Flash point:	n/a
Flammable limit:	n/a
Extinguishing Media:	all extinguishing media suitable
Unusual Fire and Explosion Hazards:	n/a

SECTION 5: REACTIVITY DATA

Reactivity Data:

Stable X Unstable

Conditions to Avoid:	n/a
Incompatibilities:	none
Hazardous Decomposition or byproducts:	none
Hazardous Polymerization:	

SECTION 6: HEALTH HAZARD DATA

Threshold Limit Value (TLV):

Permissible Exposure Limit:

Toxicity:

According to current information, the product is not injurious to health if properly handled.

Oral LD50 (rat):

NTP:

IARC Monographs:

AERCHEM INC.
400 W. 7th Street, Suite 112
Bloomington, IN 47404

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

First Aid:

Eyes: Immediately wash outh with plenty of water serveral minutes keeping the eyelids open.

Skin: Rinse with plenty of water

Inhalation: n/a

Ingestion: n/a

Disposal: Recycle unused and used material

SECTION 8: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Other Precautions: Product is not flammable. Store in a cool, dry, well closed area.

SECTION 9: SPECIAL PROTECTION INFORMATION

Ventilation:

Eye Protection: goggles

Protective Gloves: plastic or rubber

Respiratory Protection: dust mask P2

Other Protective Gear:

SECTION 10: TRANSPORT INFORMATION

DOT classification: n/a - not hazardous

DOT pictograms: