

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Mixture

**Product Name:** Sanifil Plastic Mold & Chip

**Product Code:** 3362

### Intended Use of the Product

**Use of the Substance/Mixture:** Low foaming neutral cleaner for spray washing of plastic molds. For professional use only.

### Name, Address, and Telephone of the Responsible Party

#### Company

Bortek Industries, Inc.  
 4713 Old Gettysburg Road  
 Mechanicsburg, PA 17055

800-626-7835

### Emergency Telephone Number

**Emergency number** : 1-800-424-9300 (CHEMTREC)

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### Classification (GHS-US)

Skin Irrit. 3 H316

Eye Irrit. 2A H319

#### Label Elements

##### GHS-US Labeling

**Hazard Pictograms (GHS-US)** :



**Signal Word (GHS-US)** : Warning

**Hazard Statements (GHS-US)** : H316- Causes mild skin irritation.  
 H319- Causes serious eye irritation.

**Precautionary Statements (GHS-US)** : P264 - Wash hands, forearms, and exposed areas thoroughly after handling.  
 P280 - Wear eye protection, protective clothing, protective gloves.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P332+P313 - If skin irritation occurs: Get medical advice/attention.  
 P337+ P313- If eye irritation persists: Get medical advice/attention.

#### Other Hazards

**Other Hazards Not Contributing to the Classification:** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

**Unknown Acute Toxicity (GHS-US)** Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

Name	Product identifier	% (w/w)	Classification (GHS-US)
Sodium bicarbonate	(CAS No) 144-55-8	70-80	Eye Irrit. 2B, H320
Sodium hexametaphosphate	(CAS No) 68915-31-1	10-20	Not classified
Pentasodium triphosphate	(CAS No) 7758-29-4	5 - 10	Not classified
Alcohols, C8-10, ethers with polyethylene-polypropylene glycol monobenzyl ether	(CAS No) 68154-99-4	1-5	Skin Irrit. 2, H315 Eye Dam. 1, H318
Benzyl-polyethylene Glycol tert-octyl phenyl	(CAS No) 60864-33-7	1-5	Skin Irrit. 2, H315

# Sanifil Plastic Mold & Chip

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

ether			Eye Irrit. 2B, H320
-------	--	--	---------------------

Full text of H-phrases: see section 16

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** Not a likely source of exposure.

**Skin Contact:** Causes mild skin irritation.

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** Not a likely source of exposure.

#### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Not likely to cause any symptoms or effects.

**Inhalation:** Not likely to cause any symptoms or effects.

**Skin Contact:** Causes mild skin irritation

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** Not likely to cause any symptoms or effects.

**Chronic Symptoms:** Not likely to cause any symptoms or effects.

#### Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

### SECTION 5: FIRE-FIGHTING MEASURES

#### Extinguishing Media

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** Not applicable

#### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not flammable.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** None

#### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** None.

**Protection During Firefighting:** None usually needed.

**Hazardous Combustion Products:** None

#### Reference to Other Sections

Refer to section 9 for flammability properties.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:**

##### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

##### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** None

#### Environmental Precautions

Prevent entry to sewers and public waters.

#### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain and collect as any solid. Avoid generation of dust during cleanup of spills.

**Methods for Cleaning Up:** Recover the product by vacuuming, shoveling, or sweeping. Avoid generation of dust during clean-up of spills.

#### Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

# Sanifil Plastic Mold & Chip

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 7: HANDLING AND STORAGE

#### Precautions for Safe Handling

##### **Additional Hazards When Processed:**

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

##### **Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in dry area at 40-100F. Keep container closed when not in use. Store away from incompatible materials.

**Incompatible Materials:** Acids

##### **Specific End Use(s)**

Low foaming neutral cleaner for spray washing of plastic molds. For professional use only.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

None

#### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

##### **Personal Protective Equipment:**



**Materials for Protective Clothing:** None usually needed.

**Hand Protection:** Rubber gloves.

**Eye Protection:** Goggles.

**Skin and Body Protection:** None usually needed.

**Respiratory Protection:** None needed.

**Environmental Exposure Controls:** Do not allow the product to be released into the environment.

**Consumer Exposure Controls:** Do not eat, drink or smoke during use.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### Information on Basic Physical and Chemical Properties

Physical State	: Powder
Appearance	: White
Odor	: None
Odor Threshold	: Not available
pH(1%)	: 8.2
Relative Evaporation Rate (butyl acetate=1)	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: None
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not flammable
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available

# Sanifil Plastic Mold & Chip

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<b>Specific Gravity</b>	: Not available
<b>Solubility</b>	: Water: Complete
<b>Partition coefficient: n-octanol/water</b>	: Not available
<b>Viscosity</b>	: Not available
<b>Explosion Data – Sensitivity to Mechanical Impact</b>	: Not expected to present an explosion hazard due to mechanical impact.
<b>Explosion Data – Sensitivity to Static Discharge</b>	: Not expected to present an explosion hazard due to static discharge.

### SECTION 10: STABILITY AND REACTIVITY

#### Reactivity:

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** None

**Incompatible Materials:** Acids

**Hazardous Decomposition Products:** None

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects – Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not classified. pH(1%) : 8.2

**Serious Eye Damage/Irritation:** Not classified. pH(1%) : 8.2

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not classified

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified.

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Not classified.

**Symptoms/Injuries After Skin Contact:** Causes mild skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes serious eye irritation.

**Symptoms/Injuries After Ingestion:** Not classified.

**Chronic Symptoms:** Not classified.

#### Information on Toxicological Effects – Ingredient(s)

##### LD50 and LC50 Data:

<b>Sodium hexametaphosphate (68915-31-1)</b>	
LD50 Oral Rat	>2000 mg/kg
<b>Sodium bicarbonate (144-55-8)</b>	
LD50 Oral Rat	4220 mg/kg
<b>Pentasodium triphosphate (7758-29-4)</b>	
LD50 Oral Rat	3100 mg/kg
LD50 Dermal Rabbit	> 7940 mg/kg

### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

**Ecology – General:** Not classified

**Ecology – Water:** Not classified

<b>Sodium hexametaphosphate (68915-31-1)</b>	
LC50 Fish 1	>100 mg/l (Exposure time: 96 h – Species: Oncorhynchus mykiss (rainbow trout))
EC50 Daphnia	>485 mg/l (Exposure time: 48h - Species: Daphnia magna)

# Sanifil Plastic Mold & Chip

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<b>Sodium bicarbonate (144-55-8)</b>	
LC50 Fish 1	8250-9000 mg/l (Exposure time: 96 h)
EC50 Daphnia	2350 mg/l (Exposure time: 48h)

**Persistence and Degradability** Not available

**Bioaccumulative Potential** Not available

**Mobility in Soil** Not available

### **Other Adverse Effects**

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**Ecology – Waste Materials:** Not classified.

## SECTION 14: TRANSPORT INFORMATION

**14.1 In Accordance with DOT** Not regulated for transport.

**14.2 In Accordance with IMDG** Not regulated for transport.

**14.3 In Accordance with IATA** Not regulated for transport.

**14.4 In Accordance with TDG** Not regulated for transport.

## SECTION 15: REGULATORY INFORMATION

### **US Federal Regulations**

<b>Sanifil Plastic Mold &amp; Chip</b>	
<b>SARA Section 311/312 Hazard Classes</b>	NA
<b>Sodium hexametaphosphate (68915-31-1)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Sodium bicarbonate (144-55-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Pentasodium triphosphate (7758-29-4)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Alcohols, C8-10, ethers with polyethylene-polypropylene glycol monobenzyl ether (68154-99-4)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Benzyl-polyethylene Glycol tert-octyl phenyl ether (60864-33-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

### **US State Regulations**

<b>Sodium hexametaphosphate (68915-31-1)</b>	
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List	
U.S. - Massachusetts - Right To Know List	
RTK - U.S. - Pennsylvania - RTK (Right to Know) List	
<b>Pentasodium triphosphate (7758-29-4)</b>	
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances	
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances	
RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List	
RTK - U.S. - Pennsylvania - RTK (Right to Know) List	
U.S. - Texas - Effects Screening Levels - Long Term	
U.S. - Texas - Effects Screening Levels - Short Term	

### **Canadian Regulations**

<b>Sanifil Plastic Mold &amp; Chip</b>	
WHMIS Classification	None

# Sanifil Plastic Mold & Chip

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<b>Sodium hexametaphosphate (68915-31-1)</b>	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
<b>Sodium bicarbonate (144-55-8)</b>	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
<b>Pentasodium triphosphate (7758-29-4)</b>	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
<b>Alcohols, C8-10, ethers with polyethylene-polypropylene glycol monobenzyl ether (68154-99-4)</b>	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
<b>Benzyl-polyethylene Glycol tert-octyl phenyl ether (60864-33-7)</b>	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

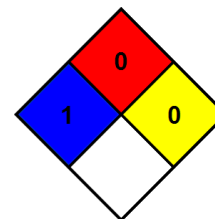
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision date** : 12/30/2014  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Skin Corr. 2	Skin corrosion/irritation Category 2
Skin Irrit. 3	Skin corrosion/irritation Category 3
H315	Causes skin irritation
H316	Causes mild skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H320	Causes eye irritation

**NFPA Health Hazard** : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.  
**NFPA Fire Hazard** : 0 - Materials that will not burn.  
**NFPA Reactivity** : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



### HMIS III Rating

**Health** : 1 Slight Hazard - Irritation or minor reversible injury possible  
**Flammability** : 0 Minimal Hazard  
**Physical** : 0 Minimal Hazard

### Party Responsible for the Preparation of This Document

Bortek Industries, Inc.  
4713 Old Gettysburg Road  
Mechanicsburg, PA 17055  
800-626-7835

# Sanifil Plastic Mold & Chip

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

---

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

North America GHS US 2012 & WHMIS 2