

# Safety Data Sheet

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Version: 1.0

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## 1. Identification

**Product Identifier:** Gumwand

**Product Description:** Compound for gum removal with gumwand machine

**COMPANY PROFILE:** Arrow Chemical Corp.  
28 Rider Place  
Freeport, NY 11520  
(516)377-7770

**24 HOUR EMERGENCY TELEPHONE:**

**Infotrac:** 1-800-535-5053 (North America)  
1-352-323-3500 (International)

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## 2. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200**

### Classification of the product

Eye Dam./Irrit.                      2a                      Causes serious eye irritation

### Label elements

Pictogram:



Signal Word:  
Warning

Hazard Statement:  
Causes Serious Eye Irritation

Precautionary Statements (Prevention):  
P280                      Wear eye/face protection.

Precautionary Statements (Response):  
P305 + P351 + P338                      IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310                      Immediately call a POISON CENTER or doctor/physician.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

**Hazards not otherwise classified**

No specific dangers known, if the regulations/notes for storage and handling are considered.

**According to Regulation 1994 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200**

**Emergency overview**

**CAUTION:**  
Causes serious eye irritation.

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**3. Composition / Information on Ingredients**

**According to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
Surfactant Blend	30-60% %	Mixture Glucocide

**4. First-Aid Measures**

**Description of first aid measures**

**General advice:**  
Remove contaminated clothing.

**If inhaled:**  
Immediately administer a corticosteroid from a controlled/metered dose inhaler.

**If on skin:**  
Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.

**If in eyes:**  
Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

**If swallowed:**  
Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

**Most important symptoms and effects, both acute and delayed**

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.

**Indication of any immediate medical attention and special treatment needed**

Note to physician  
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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**5. Fire-Fighting Measures**

**Extinguishing media**

Suitable extinguishing media:  
water spray, dry powder, foam

**Special hazards arising from the substance or mixture**

**Advice for fire-fighters**

Protective equipment for fire-fighting:  
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

**Further information:**

Contaminated extinguishing water must be disposed of in accordance with official regulations.

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**6. Accidental release measures**

Further accidental release measures:

High risk of slipping due to leakage/spillage of product.

**Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing. Information regarding personal protective measures see, section 8.

**Environmental precautions**

Do not discharge into drains/surface waters/groundwater.

**Methods and material for containment and cleaning up**

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).

Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

Spills should be contained, solidified, and placed in suitable containers for disposal.

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**7. Handling and Storage**

**Precautions for safe handling**

No special measures necessary provided product is used correctly.

Protection against fire and explosion:

No special precautions necessary.

**Conditions for safe storage, including any incompatibilities**

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep container tightly closed and in a cool place.

Storage stability:

Storage temperature:  $\leq 40\text{ }^{\circ}\text{C}$

The packed product is not damaged by low temperatures or by frost. Bulk must be protected from solidification.

Protect from temperatures above:  $50\text{ }^{\circ}\text{C}$

Properties of the product change irreversibly on exceeding the limit temperature.

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**8. Exposure Controls/Personal Protection**

**Advice on system design:**

Local exhaust ventilation preferred.

**Personal protective equipment**

**Respiratory protection:**

Respiratory protection in case of vapour/aerosol release. Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

**Hand protection:**

Chemical resistant protective gloves

**Eye protection:**

Tightly fitting safety goggles (chemical goggles).

**Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

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## 9. Physical and Chemical Properties

Form:	liquid
Odour:	product specific
Odour threshold:	not applicable
Colour:	yellowish
pH value:	approx. 8.5
pour point:	-5 °C
Boiling point:	> 100 °C
Flash point:	None to boil
Flammability:	not flammable
Lower explosion limit:	No Data Available.
Upper explosion limit:	No Data Available.
Vapour pressure:	No Data Available.
Density:	>1 = WATER
Relative density:	No data available.
Vapour density:	Not determined
Solubility in water:	soluble
Evaporation rate:	not determined
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

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## 10. Stability and Reactivity

**Reactivity**

No hazardous reactions if stored and handled as prescribed/indicated.

**Oxidizing properties:**

not fire-propagating

**Chemical stability**

The product is stable if stored and handled as prescribed/indicated.

**Possibility of hazardous reactions**

No hazardous reactions when stored and handled according to instructions.  
Reacts with oxidizing agents. Reacts with bases. Reacts with strong acids.

**Conditions to avoid**

See MSDS section 7 - Handling and storage.

**Incompatible materials**

strong bases, strong acids, oxidizing agents

**Hazardous decomposition products**

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

> 350 °C (DTA)

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**11. Toxicological information**

**Primary routes of exposure**

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Primary routes of entry

Dermal contact.

**Acute Toxicity/Effects**

Acute toxicity

Assessment of acute toxicity: May be harmful if swallowed in large quantities. No adverse health effects are known.

Oral

Type of value: LD50

Value: > 4,000 mg/kg

Inhalation

Type of value: LC50

Species: rat

not determined

Dermal

Value: > 4,000 mg/kg

Assessment other acute effects

No data available.

Skin

Species: rabbit

Result: non-irritant

Eye

Species: rabbit  
Result: Irritating.

Sensitization

Assessment of sensitization: No sensitizing effect.

Aspiration Hazard

No aspiration hazard expected.

**Chronic Toxicity/Effects**

Repeated dose toxicity

Assessment of repeated dose toxicity: None known

Genetic toxicity

Genetic toxicity in vitro: negative

Carcinogenicity

Assessment of carcinogenicity: No data available concerning carcinogenic effects.

Reproductive toxicity

Assessment of reproduction toxicity: No data available.

Teratogenicity

Assessment of teratogenicity: No data available.

Other Information

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

**Symptoms of Exposure**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.

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**12. Ecological Information**

**Toxicity**

Aquatic toxicity

Assessment of aquatic toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish

LC50 > 30 - < 300 mg/l

Aquatic invertebrates

EC50 > 30 - < 300 mg/l, Daphnia magna (Directive 92/69/EEC, C.2)

Aquatic plants

EC50 > 30 - < 300 mg/l (growth rate), Desmodesmus subspicatus (OECD Guideline 201)

Chronic toxicity to fish

No observed effect concentration > 1 mg/l, Brachydanio rerio (OECD Guideline 204)

Chronic toxicity to aquatic invertebrates

No observed effect concentration (21 d) > 1 mg/l, Daphnia magna (OECD Guideline 202, part 2)

**Microorganisms/Effect on activated sludge**

Toxicity to microorganisms

EC0: > 300 mg/l

**Persistence and degradability**

Assessment biodegradation and elimination (H2O)

Readily biodegradable (according to OECD criteria).

**Bioaccumulative potential**

Assessment bioaccumulation potential

Significant accumulation in organisms is not to be expected.

**Mobility in soil**

Assessment transport between environmental compartments

The substance will not evaporate into the atmosphere from the water surface.

Adsorption to solid soil phase is possible.

**Additional information**

Adsorbable organically-bound halogen (AOX):

This product contains no organically-bound halogen.

Add. remarks environm. fate & pathway:

Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

Other ecotoxicological advice:

The product has not been tested. The statement has been derived from the properties of the individual components.

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**13. Disposal considerations**

**Waste disposal of substance:**

Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

**Container disposal:**

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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**14. Transport Information**

**Land transport**

USDOT

Not classified as a dangerous good under transport regulations

**Sea transport**

IMDG

Not classified as a dangerous good under transport regulations

**Air transport**

IATA/ICAO

Not classified as a dangerous good under transport regulations

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**15. Regulatory Information**

**Federal Regulations**

**Registration status:**

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Acute;

**NFPA Hazard codes:**

Health : 1 Fire: 0 Reactivity: 0 Special:

**HMIS III rating**

Health: 1 Flammability: 0 Physical hazard: 0

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**16. Other Information**

**SDS Prepared by:**

SDS Prepared on: 2015/03/11 Rev: New

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.