



# Safety Data Sheet

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2024 and GHS Rev 07

Date of issue: 11/26/2024

Revised on 11/26/2024

## 1 Identification

### Product Identifier

**Trade Name:** Double Dine Plus

### Other means of identification

**Product Number:** IBAINC-134

### Relevant identified uses of the substance or mixture and uses advised against:

**Product Description:** No further relevant information available.

### Details of the Supplier of the Safety Data Sheet:

#### Manufacturer/Supplier:

IBA, Inc.  
103 Gilmore Drive  
Sutton, MA 01590  
(508) 865-6911

### Emergency telephone number:

CHEMTREC, 24 hours  
Inside the US or Canada: 1-800-424-9300  
Outside of the US or Canada: +1-703-527-3887

## 2 Hazard(s) Identification

### Classification of the substance or mixture:

The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and GHS Rev 03.

### Label elements:

**Hazard pictograms:** Non-Regulated Material**Signal word:** Non-Regulated Material**Hazard statements:** Non-Regulated Material

### Unknown acute toxicity:

This value refers to knowledge of known, established toxicological or ecotoxicological values.  
0 % of the mixture consists of component(s) of unknown toxicity.

### Information pertaining to particular dangers for man and environment:

#### Classification system:

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

#### NFPA ratings (scale 0 - 4)

Health = 1  
Fire = 0  
Reactivity = 0

#### HMIS-ratings (scale 0 - 4)

**Hazard(s) not otherwise classified (HNOC):** None known

### Classification according to (d)(1)(ii) of § 1910.12000

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

### Hazards not otherwise classified

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

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### \* 3 Composition/Information on Ingredients

**Chemical characterization: Substance****Description:**

Mixture of substances listed with non-hazardous additions and/or components that are less than listing threshold. All non-hazardous, components listed under threshold, and listed component total 100%.

**Dangerous Components:**

CAS: 56-81-5 RTECS: MA 8050000	Glycerol	2-12%
CAS: 9003-11-6	Poly(ethylene glycol)-block-poly(propylene glycol)-block-poly(ethylene glycol) ⚠ Skin irritation 2, H315; Eye irritation 2A, H319	2-10%

**Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

### 4 First-Aid Measures

**Description of first aid measures**

**General information:** If symptoms persist, call a physician.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:**

Generally, the product does not irritate the skin.

If skin irritation occurs, consult a doctor.

**After eye contact:**

If eye irritation occurs, consult a doctor.

Rinse opened eye for several minutes under running water.

**After swallowing:** If swallowed and symptoms occur, consult a doctor.

**Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

### 5 Fire-Fighting Measures

**Extinguishing media**

**Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

**For safety reasons unsuitable extinguishing agents:** No further relevant information.

**Special hazards arising from the substance or mixture:** No further relevant information available.

**Advice for firefighters****Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

### 6 Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Not required.

**Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

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

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the collected material according to regulations.

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<b>PAC-1:</b>		
56-81-5	Glycerol	45 mg/m <sup>3</sup>
9003-11-6	Poly(ethylene glycol)-block-poly(propylene glycol)-block-poly(ethylene glycol)	6.9 mg/m <sup>3</sup>
25322-68-3	Polyethylene Glycol	30 mg/m <sup>3</sup>
1310-73-2	Sodium Hydroxide	0.5 mg/m <sup>3</sup>
7758-05-6	potassium iodate	0.45 mg/m <sup>3</sup>

<b>PAC-2:</b>		
56-81-5	Glycerol	180 mg/m <sup>3</sup>
9003-11-6	Poly(ethylene glycol)-block-poly(propylene glycol)-block-poly(ethylene glycol)	76 mg/m <sup>3</sup>
25322-68-3	Polyethylene Glycol	1,300 mg/m <sup>3</sup>
1310-73-2	Sodium Hydroxide	5 mg/m <sup>3</sup>
7758-05-6	potassium iodate	4.9 mg/m <sup>3</sup>

<b>PAC-3:</b>		
56-81-5	Glycerol	1,100 mg/m <sup>3</sup>
9003-11-6	Poly(ethylene glycol)-block-poly(propylene glycol)-block-poly(ethylene glycol)	460 mg/m <sup>3</sup>
25322-68-3	Polyethylene Glycol	7,700 mg/m <sup>3</sup>
1310-73-2	Sodium Hydroxide	50 mg/m <sup>3</sup>
7758-05-6	potassium iodate	29 mg/m <sup>3</sup>

**Reference to other sections:**

See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

**\* 7 Handling and Storage**

**Precautions for safe handling:**

Avoid contact with eyes. Avoid repeated or prolonged contact with skin.  
 No special precautions are necessary if used correctly.

**Information about protection against explosions and fires:** No special measures required.

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

**Storage**

**Requirements to be met by storerooms and receptacles:** Keep container tightly closed.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

**Specific end use(s):** No further relevant information available.

**8 Exposure Controls/Personal Protection**

**Control parameters:**

**Components with occupational exposure limits:**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the remaining constituents have no known exposure limits.

<b>56-81-5 Glycerol</b>	
PEL	Long-term value: 15* 5** mg/m <sup>3</sup> mist; *total dust **respirable fraction

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**Trade Name: Double Dine Plus**

TLV	TLV withdrawn-insufficient data human occup. exp.
<b>25322-68-3 Polyethylene Glycol</b>	
WEEL	Long-term value: 10 mg/m <sup>3</sup> (H); MW>200

**Additional information:**

The lists that were valid during the creation of this SDS were used as basis.

**Exposure controls:****Appropriate engineering controls** No further data; see section 7.**Personal protective equipment****General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Wash hands before breaks and at the end of work.

**Breathing equipment:** Not required.**Protection of hands:** Not required.**Material of gloves:** Not applicable.**Penetration time of glove material:** Not applicable.**Eye protection:**

Goggles recommended during refilling.

**Limitation and supervision of exposure into the environment:** None**\* 9 Physical and Chemical Properties****Information on basic physical and chemical properties****General Information****Physical state**

Liquid

**Color:**

Brown

**Odor:**

Characteristic

**Odor threshold:**

Not determined.

**Melting point/Melting range:**

Not determined.

**Boiling point/Boiling range:**

Not determined.

**Flammability:**

Not applicable.

**Explosion limits:****Lower:**

Not determined.

**Upper:**

Not determined.

**Flash point:**

None

**Auto igniting:**

Not applicable

**Decomposition temperature:**

Not determined.

**pH-value @ 20 °C (68 °F):**

5.4-5.7

**Viscosity:****Kinematic @ 20 °C (68 °F):**

3-7

**Dynamic:**

Not determined.

**Solubility in / Miscibility with:****Water:**

Fully miscible.

**Partition coefficient (n-octanol/water):**

Not determined.

**Vapor pressure:**

Not determined.

**Vapor pressure:****Density @ 20 °C (68 °F):**1.034 g/cm<sup>3</sup> (8.6287 lbs/gal)

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<b>Relative density:</b>	Not determined.
<b>Vapor density:</b>	Not determined.
<b>Particle characteristics</b>	Not applicable.
<b>Other information:</b>	
<b>Appearance:</b>	
<b>Form:</b>	Liquid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Change in condition</b>	
<b>Evaporation rate:</b>	Not determined.

### \* 10 Stability and Reactivity

**Reactivity:** No further relevant information available.**Chemical stability:** Product is stable under normal conditions.**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**Possibility of hazardous reactions:** No dangerous reactions known.**Conditions to avoid:** Contact with strong oxidizers, acidic chemicals and alkali chemicals.**Incompatible materials:** No further relevant information available.**Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological Information

**Information on toxicological effects:****Acute toxicity:****LD/LC50 values that are relevant for classification:****56-81-5 Glycerol**

Oral	LD50	12,600 mg/kg (Rat)
Dermal	LD50	>10,000 mg/kg (rabbit)
Inhalative	LC50/96 hours	>50,000 mg/l (Trout)

**9003-11-6 Poly(ethylene glycol)-block-poly(propylene glycol)-block-poly(ethylene glycol)**

Oral	LD50 Oral	>5,000 ml/kg (Rat) The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.
Dermal	LD50	>2,000 mg/kg (rabbit)

**25322-68-3 Polyethylene Glycol**

Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/96 hours	10,000 mg/l (Fish - Poecilia reticulata, 96h)

**Primary irritant effect:****On the skin:** No irritating effect.**On the eye:** No irritating effect.**Additional toxicological information:****Interactive effects** No interactive effects between components are known.

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**Trade Name: Double Dine Plus****Carcinogenic categories:****IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

**NTP (National Toxicology Program):**

None of the ingredients are listed.

**OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

**Alternative sources for toxicological information**

No non-standard sources for toxicological information where used.

### 12 Ecological Information

**Toxicity:****Aquatic toxicity:****9003-11-6 Poly(ethylene glycol)-block-poly(propylene glycol)-block-poly(ethylene glycol)**

EC50 &gt;100 mg/l (Daphnia)

**Persistence and degradability:** No further relevant information available.**Bioaccumulative potential:** No further relevant information available.**Mobility in soil:** No further relevant information available.**Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects:****Remark:** Harmful to fish**Additional ecological information:****General notes:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

### 13 Disposal Considerations

**Waste treatment methods****Recommendation:**

Observe all federal, state and local environmental regulations when disposing of this material.

**Uncleaned packaging****Recommendation:** Disposal must be made according to official regulations.**Recommended cleansing agent:** Water, if necessary with cleansing agents.

### 14 Transport Information

**UN-Number:****DOT, ADR/ADN, IMDG, IATA**

Non-Regulated Material

**UN proper shipping name:****DOT, ADR/ADN, IMDG, IATA**

Non-Regulated Material

**Transport hazard class(es):****DOT, ADR/ADN, ADN, IMDG, IATA****Class:**

Non-Regulated Material

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**Trade Name: Double Dine Plus**

**Packing group:**

**DOT, ADR/ADN, IMDG, IATA**

Non-Regulated Material

**Environmental hazards:**

Not applicable.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable.

**Special precautions for user:**

Not applicable.

**UN "Model Regulation":**

Non-Regulated Material

**15 Regulatory Information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

No further relevant information available.

**SARA (Superfund Amendments and Reauthorization):**

**Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

**Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

**TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

**Hazardous Air Pollutants**

None of the ingredients are listed.

**California Proposition 65:**

**Chemicals known to cause cancer:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

**New Jersey Right-to-Know List:**

56-81-5 Glycerol

25322-68-3 Polyethylene Glycol

1310-73-2 Sodium Hydroxide

**New Jersey Special Hazardous Substance List:**

1310-73-2 Sodium Hydroxide

CO, R1

**Pennsylvania Right-to-Know List:**

56-81-5 Glycerol

25322-68-3 Polyethylene Glycol

1310-73-2 Sodium Hydroxide

**Pennsylvania Special Hazardous Substance List:**

1310-73-2 Sodium Hydroxide

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**Trade Name: Double Dine Plus****Carcinogenic categories:****EPA (Environmental Protection Agency):**

None of the ingredients are listed.

**TLV (Threshold Limit Value established by ACGIH):**

None of the ingredients are listed.

**NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients are listed.

**GHS label elements** Non-Regulated Material**Hazard pictograms:** Non-Regulated Material**Signal word:** Non-Regulated Material**Hazard statements:** Non-Regulated Material**National regulations:**

The product is not subject to be labelled according with the prevailing version of the regulations on hazardous substances.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**16 Other Information**

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

**Date of previous version** 11/26/2024**Version number of previous version:** 1**Date of preparation** 11/26/2024**Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety &amp; Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Skin irritation 2: Skin corrosion/irritation – Category 2

Eye irritation 2A: Serious eye damage/eye irritation – Category 2A

**\* Data compared to the previous version altered.**SDS created by MSDS Authoring Services [www.msdsauthoring.com](http://www.msdsauthoring.com) +1-877-204-9106