

# SAFETY DATA SHEET

Revision Date 01-June-2015

Version 1

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** Janus® Gold Floor Finish

**Other means of Identification**

**SDS #** 2400

**Product Code** 2464

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Floor finish

**Details of the Supplier of the Safety Data Sheet**

**Supplier Address**

PortionPac Chemical Corporation 400 N. Ashland Avenue Chicago, IL 60622-6382 www.portionpaccorp.com

**Emergency Telephone Number**

**Company Phone Number** Phone: 312-226-0400 Fax: 312-226-5400

**Emergency Telephone Number** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Classification**

Reproductive toxicity Category 2

**Signal Word**

Warning

**Hazard Statements**

Suspected of damaging fertility or the unborn child.



**Precautionary Statements - Prevention**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Use personal protective equipment as required.

**Precautionary Statements - Response**

If exposed or concerned: Get medical advice.

**Precautionary Statements - Storage**

Store locked up.

**Precautionary Statements - Disposal**

Dispose of container to an approved waste disposal plant.

**Hazards not otherwise classified (HNOC)** Not applicable.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Appearance** Milky white liquid **Physical State** Liquid **Odor** Characteristic

Chemical Name	CAS No	Weight-%
tributoxyethyl phosphate	78-51-3	≤1-2%
diethylene glycol monomethyl ether	111-77-3	≤1-2%

In the concentrations in this formulation, the ingredients listed below are considered to be non-hazardous according to OSHA 1910.1200:

water (CAS# 7732-18-5), ethoxydiglycol (CAS# 111-90-0), PPG-2 methyl ether (CAS# 34590-94-8), acrylic emulsion polymer (proprietary).

**4. FIRST AID MEASURES****First aid measures**

- Eye Contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
- Skin (or hair) Contact** Wash off immediately with plenty of water for at least 15 minutes.
- Inhalation** Remove to fresh air.
- Ingestion** Rinse mouth with water. Then, immediately drink plenty of water.

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

- Symptoms** Suspected of damaging fertility or the unborn child.

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

- Note to physicians** Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

- Suitable Extinguishing Media** Measures that are appropriate to circumstances and the surrounding environment.
- Unsuitable Extinguishing Media** Not determined.
- Specific hazards arising from the chemical** Not determined.
- Protective equipment and precautions for firefighters**  
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

- Personal precautions** Use personal protective equipment as described in Section 8 of this Safety Data Sheet.

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

- Methods for containment** Prevent further leakage or spillage.
- Methods for cleaning up** Paper toweling or mopping is usually sufficient.

**7. HANDLING AND STORAGE****Precautions for safe handling**

- Advice on safe handling** Do not handle until all safety precautions have been read and understood. Use personal protective equipment as described in Section 8.  
Keep out of reach of children.

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

- Storage conditions** Keep containers in a dry, cool and well-ventilated place. Store locked up.
- Incompatible materials** None known.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Exposure Guidelines** Apply technical measures to comply with the occupational exposure limits.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
dipropylene glycol monomethyl ether (DPM) 34590-94-8	STEL: 150 ppm TWA: 100 ppm S*	TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> STEL: 150 ppm STEL: 900 mg/m <sup>3</sup>

- Engineering Controls** None.

**Individual protection measures, such as personal protective equipment**

- Eye/face protection** Not normally necessary in general use. Wear safety glasses if splashes can get into eyes.
- Skin and body protection** Not normally necessary in general use.

<b>Respiratory protection</b>	Ensure adequate ventilation especially in confined areas.
<b>General Hygiene Considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Characteristic
<b>Appearance</b>	Milky white liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Milky white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	8-9	
<b>Melting point/freezing point</b>	Not determined.	
<b>Boiling point/boiling range</b>	Not determined.	
<b>Flash point</b>	Not determined.	
<b>Evaporation rate</b>	Not determined.	
<b>Flammability (solid, gas)</b>	Not applicable.	
<b>Flammability Limits in Air</b>		
<b>Upper flammability limits</b>	Not determined.	
<b>Lower flammability limit</b>	Not determined.	
<b>Vapor pressure</b>	Not determined.	
<b>Vapor density</b>	Not determined.	
<b>Specific Gravity</b>	1.06 g/cm <sup>3</sup>	(1=Water)
<b>Water solubility</b>	Completely soluble.	
<b>Solubility in other solvents</b>	Not determined.	
<b>Partition coefficient</b>	Not determined.	
<b>Autoignition temperature</b>	Not determined.	
<b>Decomposition temperature</b>	Not determined.	
<b>Kinematic viscosity</b>	Not determined.	
<b>Dynamic viscosity</b>	Not determined.	

### 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Not reactive under normal conditions.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Conditions to avoid</b>	None.
<b>Incompatible materials</b>	None known.
<b>Hazardous Decomposition Products</b>	None known.

### 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Eye, skin contact, inhalation or ingestion.

#### Information on physical, chemical and toxicological effects

**Symptoms** Please see Section 4 for symptoms.

#### Component Information

<b>Chemical Name</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
di(ethylene glycol) ethyl ether 111-90-0	= 1920 mg/kg ( Rat )	= 4200 µL/kg ( Rabbit ) = 6 mL/kg ( Rat )	> 5240 mg/m <sup>3</sup> ( Rat ) 4 h
tributoxyethyl phosphate 78-51-3	= 3000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 6.4 mg/L ( Rat ) 4 h
diethylene glycol monomethyl ether 111-77-3	= 4 mL/kg ( Rat )	= 2500 µL/kg ( Rabbit )	-
dipropylene glycol monomethyl ether (DPM) 34590-94-8	= 5230 mg/kg ( Rat )	= 9500 mg/kg ( Rabbit )	-

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

**Numerical measures of toxicity - Product**

Not determined.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
di(ethylene glycol) ethyl ether 111-90-0		11400 - 15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600 - 16700: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Lepomis macrochirus mg/L LC50 static 19100 - 23900: 96 h Lepomis macrochirus mg/L LC50 flow-through 13400: 96 h Salmo gairdneri mg/L LC50 flow-through		3940 - 4670: 48 h Daphnia magna mg/L EC50
tributoxyethyl phosphate 78-51-3		10.4 - 12.0: 96 h Pimephales promelas mg/L LC50 flow-through		
diethylene glycol monomethyl ether 111-77-3	500: 72 h Desmodosmus subspicatus mg/L EC50	7500: 96 h Lepomis macrochirus mg/L LC50 static 7500: 96 h Lepomis macrochirus mg/L LC50 5741: 96 h Pimephales promelas mg/L LC50	EC50 > 10000 mg/L 17 h	500: 48 h Daphnia magna mg/L EC50
dipropylene glycol monomethyl ether (DPM) 34590-94-8		10000: 96 h Pimephales promelas mg/L LC50 static		1919: 48 h Daphnia magna mg/L LC50

**Persistence and degradability** Not determined.**Bioaccumulation** Not determined.**Mobility**

Chemical Name	Partition Coefficient
di(ethylene glycol) ethyl ether 111-90-0	-0.8
tributoxyethyl phosphate 78-51-3	4.78
diethylene glycol monomethyl ether 111-77-3	-0.682
dipropylene glycol monomethyl ether (DPM) 34590-94-8	-0.064

**Other adverse effects** Not determined.**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Disposal of wastes** Dispose of in accordance with applicable regional, national and local laws and regulations.**Contaminated packaging** Dispose of in accordance with applicable regional, national and local laws and regulations.**14. TRANSPORT INFORMATION****DOT** Not regulated.**IATA** Not regulated.**IMDG** Not regulated.**15. REGULATORY INFORMATION****International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
tributoxyethyl phosphate	Present	X		Present		Present	X	Present	X	X
Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Diethylene glycol monomethyl ether	Present	X		Present		Present	X	Present	X	X

Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory, **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List, **EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances,

*ENCS - Japan Existing and New Chemical Substances, IECSC - China Inventory of Existing Chemical Substances, KECL - Korean Existing and Evaluated Chemical Substances, PICCS - Philippines Inventory of Chemicals and Chemical Substances*

### US Federal Regulations

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

#### SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
di(ethylene glycol) ethyl ether	111-90-0	5-10	1.0
diethylene glycol monomethyl ether	111-77-3	1-5	1.0
dipropylene glycol monomethyl ether (DPM)	34590-94-8	<1	1.0

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
di(ethylene glycol) ethyl ether 111-90-0	X		X
diethylene glycol monomethyl ether 111-77-3	X	X	X
dipropylene glycol monomethyl ether (DPM) 34590-94-8	X	X	X

### 16. OTHER INFORMATION

<u>NFPA</u>	Health hazards 1	Flammability 0	Instability 0	Special hazards N/A
<u>HMIS</u>	Health hazards 1	Flammability 0	Physical hazards 0	Personal protection A

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#### Disclaimer

The information provided in this 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 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.

**End of Safety Data Sheet**