

SAFETY DATA SHEET

GUARD

SDS Revision Date: 05/26/2015



1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers

Product Identity
Alternate Names

Guard
Deodorizing Powder, Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses
Application Method

Deodorizing Powder, Sundry
See Technical Data Sheet

1.3 Details of the supplier of the safety data sheet

Company Name

Hydrol Chemical Company, Inc.
520 Commerce Drive
Yeadon, PA 19050

1.4 Emergency telephone number

CHEMTREC (USA)
Customer Service
Hydrol Chemical Company, Inc.

(800) 424-9300
(800) 345-8200
(610) 622-3603

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable solid 2; H228
Acute toxicity 4; H302
Acute toxicity 4; H332
Skin irritation 2; H315
Eye damage 1; H318
Skin sensitivity 1; H317
Carcinogenicity 2; H351
STOT – single exposure 3; H335
Chronic aquatic toxicity 1; H410

Flammable solid.
Harmful if swallowed.
Harmful if inhaled.
Causes skin irritation.
Causes serious eye damage.
May cause an allergic skin reaction.
Suspected of causing cancer.
May cause respiratory irritation.
Very toxic to aquatic life with long lasting effects.

2.2 GHS Label elements, including precautionary statements

Pictogram:



Signal word:

Danger

8.2 Exposure controls

Respiratory	Not necessary where area is properly ventilated.
Eyes	Wear safety eyewear; safety glasses, goggles, or visors to protect against splashing liquid.
Skin	Wear overalls which cover the body, arms, and legs. Skin should not be exposed. All parts of the body should be washed after contact. Wear PVC, vinyl, nitrile, or latex gloves.
Engineering Controls	Provide adequate ventilation. If the use of local exhaust ventilation is insufficient to maintain vapor levels below occupational exposure limits, suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene. Wash hands before eating, drinking, smoking, or toileting. Promptly remove soiled clothing; wash thoroughly before reuse.

See Section 2 Precautionary Statements for further details.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White, crystalline powder
Odor	Aromatic
Odor threshold	No data available
pH	N/A
Melting pt. / freezing pt.	No data available
Initial boiling pt. and boiling range	79-81C (174-178°F)
Flash point (TCC)	66-68C (151-154°F)
Evaporation rate (Bu Acetate = 1)	N/A
Flammability (solid, gas)	Not applicable
Upper/Lower flammability or explosion limits	Lower explosive limit: 3% Upper explosive limit: 73%
Vapor pressure (Pa)	No data available
Vapor density	Greater than 1
Specific gravity	No data available
Solubility in water	No data available
Partition coefficient n-octanol/water (log Pow)	No data available
Auto-ignition temperature (C)	No data available
Decomposition temperature (C)	No data available
Viscosity (cps)	No data available

9.2 Other information

No other relevant information.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Hazardous polymerization will not occur.

10.2 Chemical stability

Stable under recommended storage/handling conditions. May form formic acid and methanol at elevated temperatures.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Avoid heat and open flame.

10.5 Incompatible materials

Avoid contact with strong oxidizers, strong alkalis, strong mineral acids, phenol, and urea.

10.6 Hazardous decomposition products

May form formaldehyde gas, chlorine, hydrogen chloride, phosgene, carbon monoxide and dioxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Ingredient / Chemical Designations	Oral LD50 (mg/kg)	Skin LD50 (mg/kg)	Inhalation Vapor LD50 (mg/L/4hr)	Inhalation Dust/Mist LD50 (mg/L/4hr)	Inhalation Gas LD50 (ppm)
p-Dichlorobenzene CAS Number: 0000106-46-7	No data available	No data available	No data available	No data available	No data available
Paraformaldehyde CAS Number: 0030525-89-4	592.00, Rat - Category: 4	10,000.00, Rabbit - Category: N/A	No data available	1.10, Rat - Category: 4	No data available

Item	Category	Hazard
Acute Toxicity (mouth)	4	Harmful if swallowed
Acute Toxicity (skin)	-	N/A
Acute Toxicity (inhalation)	4	Harmful if inhaled
Skin Corrosion / Irritation	2	Causes skin irritation
Eye Damage / Irritation	1	Causes serious eye damage
Sensitization (respiratory)	-	N/A
Sensitization (skin)	1	May cause an allergic reaction
Germ Toxicity	-	N/A
Carcinogenicity	2	Suspected of causing cancer
Reproductive Toxicity	-	N/A
Specific Target Organ Systemic Toxicity (single exposure)	3	May cause respiratory irritation
Specific Target Organ Systemic Toxicity (repeated exposure)	-	N/A
Aspiration Hazard	-	N/A

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Very toxic to aquatic life with long lasting effects.

Aquatic Ecotoxicity

Ingredient / Chemical Designations	96 hr LC50 Fish (mg/l)	48 hr EC50 Crustacean (mg/l)	ErC50 Algae (mg/l)
p-Dichlorobenzene CAS Number: 0000106-46-7	No data available	No data available	No data available
Paraformaldehyde CAS Number: 0030525-89-4	No data available	No data available	No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations enacted under the Control of Pollution Act and the Environmental Protection Act.

Using information supplied within this SDS, advice should be obtained from the Waste Regulation Authority whether any special local municipal waste regulations apply.

14. TRANSPORTATION INFORMATION

14.1 Transport Classes

DOT (Domestic Surface Transportation)

DOT Proper Shipping

Name: Consumer Commodity

DOT Shipping Class: ORM-D

IMO / IMDG (Ocean Transportation)

IMDG Proper Shipping

Name: Flammable Solid, Organic, NOS
(Paraformaldehyde)

IMDG Hazard Class: 4.1

Sub Class N/A

14.2 Environmental hazards

DOT: N/A

IMDG: Marine pollutant: p-Dichlorobenzene

15. REGULATORY INFORMATION

Overview The data provided in this section includes select regulations, and is not inclusive of all regulations that may be applicable to this product. All ingredients of this product are listed on the TSCA Inventory, or are not required to be listed.

WHMIS Classification D2A E

US EPA Tier II Hazards	Fire:	Yes
	Sudden Pressure Release:	No
	Reactivity:	No
	Immediate Health:	Yes
	Delayed Health:	Yes

EPCRA 311/312 Chemicals and RQ (>0.1%)

p-Dichlorobenzene (100 lbs)
Paraformaldehyde (1,000 lbs)

EPCRA 302 Extremely Hazardous (>0.1%)

None listed

EPCRA 313 Toxic Chemicals (>0.1%)

p-Dichlorobenzene

Proposition 65 - Carcinogens (>0.1%)

p-Dichlorobenzene

Proposition 65 - Developmental Toxins (>0.0%)

None listed

Proposition 65 - Female Reproductive Toxins (>0.0%)

None listed

Proposition 65 - Male Reproductive Toxins (>0.0%)

None listed

NJ RTK Substances (>1.0%)

p-Dichlorobenzene
Paraformaldehyde

PA RTK Substances (>1.0%)

p-Dichlorobenzene
Paraformaldehyde

16. OTHER INFORMATION

All information contained herein is based upon data believed to be correct. However, no guarantee, expressed or implied, is made with respect to the information contained within. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to this product. Users of this product must comply with all health and safety laws and regulations applicable.

The full text of the phrases appearing in section 3 is as follows:

H228 Flammable solid
H302 Harmful if swallowed
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H319 Causes serious eye irritation
H332 Harmful if inhaled
H335 May cause respiratory irritation
H351 Suspected of causing cancer
H400 Very toxic to aquatic life
H402 Harmful to aquatic life
H410 Very toxic to aquatic life with long lasting effects

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