

DOUGLAS PRODUCTS AND PACKAGING CO. LLC

Safety Data Sheet F-104 Inca Gold

SECTION 1: Identification

1.1 Product identifier

Product name F-104 Inca Gold

1.4 Supplier's details

Name Douglas Products and Packaging Co. LLC
Address 1550 East Old 210 Highway
Liberty, MO 64068
USA

Telephone 816-781-4250
Fax 816-781-1043
email douglasproducts@douglasproducts.com

1.5 Emergency phone number(s)

Chemtrec (800) 424-9300

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H303 May be harmful if swallowed
H361 Suspected of damaging fertility or the unborn child
H319 Causes serious eye irritation

Precautionary statement(s)

P102 Keep out of reach of children.

2.3 Other hazards which do not result in classification

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Safety Data Sheet

F-104 Inca Gold

Hazardous components

1. Borax

Concentration > 0 - < 40 % (Volume)

Other names / synonyms Borax

2. Tris(hydroxymethyl)nitromethane

Concentration > 0 - < 60 % (Volume)

Other names / synonyms Tris(hydroxymethyl)nitromethane
CAS no. 126-11-4

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
If inhaled	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
In case of skin contact	Immediately wash with water and soap and rinse thoroughly.
In case of eye contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
If swallowed	Immediately call a doctor.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.3 Special protective actions for fire-fighters

Mouth respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste. Ensure adequate ventilation

6.2 Environmental precautions

Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water

SECTION 7: Handling and storage

Safety Data Sheet

F-104 Inca Gold

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

7.2 Conditions for safe storage, including any incompatibilities

Keep receptacle tightly sealed.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Paraformaldehyde

PEL-C (Inhalation): 2 ppm/.75 ppm (Cal/OSHA)

8.2 Appropriate engineering controls

Keep away from foodstuffs, beverages and feed.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Avoid contact with eyes.

Skin protection

Wash hands before breaks and at the end of work.

Body protection

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Powder
Odor	Green Apple or Pine
Odor threshold	Green Apple or Pine
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Upper/lower explosive limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if used according to specifications.

10.2 Chemical stability

No further relevant information available.

10.3 Possibility of hazardous reactions

No further relevant information available.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No further relevant information available.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Oral LD50 >200 mg/kg (rat)

Skin corrosion/irritation

: Irritant to skin and mucous membranes.

Serious eye damage/irritation

Irritating effect

Respiratory or skin sensitization

Sensitization possible through skin contact.

Germ cell mutagenicity

No further relevant information available.

Carcinogenicity

Limited evidence of a carcinogenic effect.

Reproductive toxicity

Animal ingestion studies in several species, at high doses, indicate that borates cause reproductive and developmental effects. A human study of occupational exposure to borate dust showed no adverse effect on reproduction. . A recent epidemiological study and a peer reviewing report of the past epidemiological studies conducted in China didn't show any negative effect of boron on human fertility.

Summary of evaluation of the CMR properties

No further relevant information available.

STOT-single exposure

No further relevant information available.

Safety Data Sheet

F-104 Inca Gold

STOT-repeated exposure

No further relevant information available.

Aspiration hazard

No further relevant information available.

SECTION 12: Ecological information

Toxicity

No further relevant information available.

SECTION 13: Disposal considerations

Disposal of the product

Disposal must be made according to official regulations.

Disposal of contaminated packaging

Disposal must be made according to official regulations.

SECTION 14: Transport information

DOT (US)

UN Number:

Class: 85

Packing Group:

Proper Shipping Name: Deodorant, NOI NMFC #57100 Sub 3

Reportable quantity (RQ): None

Marine pollutant:

Poison inhalation hazard:

IMDG

UN Number:

Class:

Packing Group:

EMS Number:

Proper Shipping Name:

IATA

UN Number:

Class:

Packing Group:

Proper Shipping Name:

SECTION 15: Regulatory information

SECTION 16: Other information