

DATE: 02/06/96 ACCT: 419149001
INDEX: G60367321 CAT NO: S15985 PO NBR: B0014899

PAGE: 1

Fisher-Fresh Fetal Pig Specimens
45340

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Fisher-Fresh Fetal Pig Specimens
Catalog Numbers:
S10375, S10380C, S10385, S10395, S10435, S1584S, S1586S, S1588S, S1590S,
S1592S, S1595S, S1596S, S1598S, S1599S, S1602S, S1604S, S1605S, S1606S,
S1606S, S1607BC, S1610S, S1610S, S1611S, S1612BC, S1612S, S1613BC,
S1613S, S1614BC, S1615S, S1653S, S8238S

Synonyms:
Fetal Pig 7-9"

Company Identification: Fisher Scientific
1 Reagent Lane
Fairlawn, NJ 07410

For information, call: 201-796-7100
Emergency Number: 201-796-7100
For CHEMTREC assistance, call: 800-424-9300

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS#	Chemical Name	%	Einecs#
50-00-0	Formaldehyde	0.3-0.5	unlisted
57-55-6	propylene glycol	1.0-2.0	unlisted
108-95-2	Phenol	0.1-0.3	203-632-7

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Appearance: Preserved fetal pig specimen.
Target Organs: Kidneys, central nervous system, liver, respiratory system.

Potential Health Effects

Eye: May cause severe eye irritation.
Skin: May cause severe skin irritation.
Ingestion:
May cause gastrointestinal irritation with nausea, vomiting and diarrhea.
May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea.
Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure.
Inhalation:
Causes respiratory tract irritation.
Chronic:
Not available.
Repeated skin contact may cause dermatitis with dark pigmentation of skin. Chronic exposure may result in liver and kidney damage. Chronic ingestion of phenol and inhalation of formaldehyde may cause fetal effects. Chronic inhalation of formaldehyde is associated with nasal and nasopharyngeal cancer.

**** SECTION 4 - FIRST AID MEASURES ****

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids.
Get medical aid immediately.
Skin: Get medical aid.
Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.
Discard contaminated clothing in a manner which limits further exposure.
Ingestion: If victim is conscious and alert, give 2-4 cupsful of milk or water.
Never give anything by mouth to an unconscious person.
Get medical aid immediately.
Inhalation: Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Notes to Physician: Treat symptomatically and supportively.
None reported.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

General Information:
Wear appropriate protective clothing to prevent contact with skin

DATE: 02/06/96 ACCT: 419149001
INDEX: G60367321 CAT NO: S15985 PO NBR: B0014899

PAGE: 2

and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products.
Extinguishing Media:
For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.
Autoignition Temperature: Not applicable.
Flash Point: Not applicable.
Explosion Limits, Lower: Not available.
Upper: Not available.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:
Absorb spill with inert material, (e.g., dry sand or earth), then place into a chemical waste container.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:
Wash thoroughly after handling.
Use with adequate ventilation.
Avoid contact with eyes, skin, and clothing.
Avoid ingestion and inhalation.
Wash clothing before reuse.

Storage:
Keep away from sources of ignition.
Store in a cool, dry, well-ventilated area away from incompatible substances.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:
Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Chemical Name	Exposure Limits		
	ACGIH	NIOSH	OSHA - Final PELs
Formaldehyde	C 0.3 ppm; C 0.37 mg/m ³	0.016 ppm TWA; C 0.1 ppm (15 min)	none listed
propylene glycol	none listed	none listed	none listed
Phenol	5 ppm; 19 mg/m ³	5 ppm TWA; 19 mg/m ³ TWA; C 15.6 ppm (15 min); C 60 mg/m ³ (15 min)	5 ppm TWA; 19 mg/m ³ TWA

OSHA Vacated PELs:

Formaldehyde:
3 ppm TWA (unless specified in 1910.1048); 10 ppm STEL (30 min)
1910.1048
Propylene glycol:
No OSHA Vacated PELs are listed for this chemical.
Phenol:
5 ppm TWA; 19 mg/m³ TWA

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.
Skin: Wear appropriate gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to prevent skin exposure.
Respirators: Follow the OSHA respirator regulations found in 29 CFR 1010.134. Always use a NIOSH-approved respirator when necessary.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State: Solid
Appearance: Preserved fetal pig specimen.
Odor: Mild chemical odor.
pH: Not available.
Vapor Pressure: Not available.
Vapor Density: 1
Evaporation Rate: Not available.
Viscosity: Not available.
Boiling Point: Not available.

DATE: 02/06/96 ACCT: 419149001 PAGE: 5
INDEX: G60367321 CAT NO: S15985 PO NBR: B0014899

m3)Skin. OEL-FINLAND-TWA 5 ppm (19 mg/m3)STEL 10 ppm (38 mg/m3)Skin
OEL-FRANCE-TWA 5 ppm (19 mg/m3)STEL 10 ppm (38 mg/m3)Skin
OEL-HUNGARY-TWA 5 ppm (19 mg/m3)STEL 8 ppm (34 mg/m3)Skin
OEL-INDONESIA-TWA 5 ppm (19 mg/m3)STEL 8 ppm (34 mg/m3)Skin
OEL-JAPAN-TWA 5 ppm (19 mg/m3)STEL 8 ppm (34 mg/m3)Skin
OEL-KOREA-TWA 5 ppm (19 mg/m3)STEL 8 ppm (34 mg/m3)Skin
OEL-POLAND-TWA 10 ppm (38 mg/m3)STEL 20 ppm (76 mg/m3)Skin
OEL-PORTUGAL-TWA 5 ppm (19 mg/m3)STEL 10 ppm (38 mg/m3)Skin
OEL-SWEDEN-TWA 10 ppm (38 mg/m3)STEL 20 ppm (76 mg/m3)Skin
OEL-SWITZERLAND-TWA 5 ppm (19 mg/m3)STEL 10 ppm (38 mg/m3)Skin
OEL-THAILAND-TWA 5 ppm (19 mg/m3)STEL 10 ppm (38 mg/m3)Skin
OEL-TURKEY-TWA 5 ppm (19 mg/m3)STEL 10 ppm (38 mg/m3)Skin
OEL-UNITED KINGDOM-TWA 5 ppm (19 mg/m3)STEL 10 ppm (38 mg/m3)Skin
OEL-USA-TWA 5 ppm (19 mg/m3)STEL 10 ppm (38 mg/m3)Skin
OEL-VIETNAM-TWA 5 ppm (19 mg/m3)STEL 10 ppm (38 mg/m3)Skin
OEL IN NEW ZEALAND, SINGAPORE, VIETNAM check ACGI TLV

**** SECTION 16 - ADDITIONAL INFORMATION ****

Additional Information:

No additional information available.

MSDS Creation Date: September 1995

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