

SAFETY DATA SHEET

Date Prepared : 09/15/2010

SDS No : 28C401 Pol

Date Revised : 06/04/2015

Revision No : 2

Iso-Tax 28C401 Pol

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Iso-Tax 28C401 Pol

MANUFACTURER

Isotec® International, Inc.
201 Longview Street
Canton, GA 30114
Customer Service: 800-234-6300

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical) : (877) 800-5553
CHEMTREC (US Transportation) : (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Irritation, Category 2
Serious Eye Damage, Category 1
Aspiration Hazard, Category 1

Physical:

Flammable Liquids, Category 2

GHS LABEL



Flame



Corrosion



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H318: Causes serious eye damage.

PRECAUTIONARY STATEMENT(S)

Prevention:

P210: Keep away from heat, sparks, open flames and hot surfaces. – No smoking.
P233: Keep container tightly closed.
P240: Ground or bond container and receiving equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves, protective clothing, eye protection and face protection.

Response:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER.

P331: Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P332+P313: If skin irritation occurs: Get medical advice.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

H310: Immediately call a physician.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Castor Oil	≤ 15	8001-79-4
Amine polyol	≤ 15	940912-28-7
Cyclopentane	≤ 10	287-92-3
Isopentane	≤ 10	78-78-4
Dimethyl lauramine	≤ 4	112-18-5

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes. Remove contact lenses, if present. Obtain medical attention without delay.

SKIN: Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Seek medical attention if irritation persists.

INGESTION: Do not induce vomiting. Give one or two glasses of water to drink. Never give anything by mouth to an unconscious person. Obtain medical attention without delay.

INHALATION: Move person to fresh air.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, foam, dry chemical or carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides and various hydrocarbons.

EXPLOSION HAZARDS: Containers can build up pressure if exposed to heat or fire.

FIRE FIGHTING PROCEDURES: Do not use direct water stream. Use water spray to cool fire-exposed containers.

FIRE FIGHTING EQUIPMENT: Exposed firefighters must wear NIOSH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.

SENSITIVE TO STATIC DISCHARGE: Product can accumulate static charges which can cause an electrical spark.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Isolate the area and prevent entry of unnecessary and unprotected personnel. Eliminate all ignition sources. Do not walk through or otherwise scatter spilled product. Ventilate the area. Absorb with dry chemical absorbent, earth, sand or any other non-combustible inert material. Do not use combustible materials such as sawdust. Place in a chemical waste container.

LARGE SPILL: Isolate the area and prevent entry of unnecessary and unprotected personnel. Eliminate all ignition sources. Do not walk through or otherwise scatter spilled product. Ventilate the area. Prevent entry into waterways, sewers, basements or confined areas. Create a dike or trench to contain product. A vapor suppressing foam may be used to reduce vapors. Water spray may reduce vapors but may not prevent ignition in closed spaces. Absorb with dry chemical absorbent, earth, sand or any

other non-combustible inert material. Do not use combustible materials such as sawdust. Place in a chemical waste container.

SPECIAL PROTECTIVE EQUIPMENT: Wear protective equipment listed in Section 8.

7. HANDLING AND STORAGE

HANDLING: Do not get in eyes, on skin or on clothing. Wash hands before eating, drinking or smoking. Do not breathe vapors or mists. Use only with adequate ventilation. Keep container closed when not in use. Do not reseal if contaminated. Keep away from heat and flame.

STORAGE TEMPERATURE: 4.4°C (40°F) Minimum to 37.8°C (100°F) Maximum

ELECTROSTATIC ACCUMULATION HAZARD: Product can accumulate static charges which can cause an electrical spark.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
			EXPOSURE LIMITS	
			ACGIH TLV	
Chemical Name			ppm	mg/m ³
Cyclopentane	TWA		600	1720
Isopentane	TWA		600	

ENGINEERING CONTROLS: Local exhaust ventilation used in combination with general ventilation as necessary to control air contaminants.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear a face shield and chemical safety glasses or goggles.

SKIN: Wear impervious gloves. Cover exposed skin.

RESPIRATORY: For airborne exposure above the permissible exposure limit(s), wear a NIOSH approved air-purifying respirator equipped with organic vapor cartridges. For situations where the atmospheric levels may exceed the level for which an air-purifying respirator is effective, use a positive-pressure air-supplying respirator.

WORK HYGIENIC PRACTICES: Avoid eating, drinking or smoking while using this material. Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Strong solvent.

APPEARANCE: Amber liquid.

FLASH POINT AND METHOD: -38.3°C (-37°F) Closed cup.

AUTOIGNITION TEMPERATURE: Not established.

VAPOR DENSITY: Heavier than air.

BOILING POINT: Not established.

FREEZING POINT: Not established.

SOLUBILITY IN WATER: Partial.

SPECIFIC GRAVITY: 1.01 (water = 1) at 23.3°C (74°F)

VISCOSITY #1: 600 Centipoise at 23.3°C (74°F)

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable.

CONDITIONS TO AVOID: High temperatures and ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides and various hydrocarbons.

INCOMPATIBLE MATERIALS: Amines, strong acids, strong bases, oxidizers and reducing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)
Amine polyol	1370 mg/kg
Dimethyl lauramine	1220 mg/kg

CARCINOGENICITY

IARC: Not regulated as a carcinogen.

NTP: Not regulated as a carcinogen.

OSHA: Not regulated as a carcinogen.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with local, state, provincial or national regulations.

EMPTY CONTAINER: Product residue is retained. Do not pressurize, cut, weld, braze, solder, drill, grind or expose container to heat, flame, sparks, static electricity or any other sources of ignition.

RCRA/EPA WASTE INFORMATION: If discarded in its purchased form, this material is a RCRA hazardous waste.

GENERAL COMMENTS: The generation of waste should be avoided or minimized whenever possible. Chemical waste, even small quantities, should never be poured into drains, sewers or waterways.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Resin solution

PRIMARY HAZARD CLASS/DIVISION: Class 3

UN/NA NUMBER: UN1866

PACKING GROUP: II

AIR (ICAO/IATA)

SHIPPING NAME: Resin solution**UN/NA NUMBER:** UN1866**PRIMARY HAZARD CLASS/DIVISION:** Class 3**PACKING GROUP:** II**VESSEL (IMO/IMDG)****SHIPPING NAME:** Resin solution**UN/NA NUMBER:** UN1866**PRIMARY HAZARD CLASS/DIVISION:** Class 3**PACKING GROUP:** II**NOTE:** Regulated as a marine pollutant.**15. REGULATORY INFORMATION****UNITED STATES****DOT LABEL SYMBOL AND HAZARD CLASSIFICATION****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Acute, Chronic, Fire.**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA REGULATORY:** All components are in TSCA inventory.**RCRA STATUS:** If discarded in its purchased form, this material is a RCRA hazardous waste.**16. OTHER INFORMATION****PREPARED BY:** L. Priest **Date Revised:** 06/04/2015**COMMENTS:**

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
EC ₅₀	Median effective concentration
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC ₅₀	Lethal concentration to 50% of exposed laboratory animals
LD ₅₀	Lethal dose to 50% of exposed laboratory animals
TWA	Time-weighted average
TLV	Threshold limit value
NIOSH	US National Institute of Occupational Safety and Health
NE	Not established
NTP	US National Toxicology Program
OEL	Occupational exposure limit
OSHA	US Occupational Safety Health Administration
PEL	Permissible exposure limit

RQ	Reportable quantity
STEL	Short term exposure limit

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