

Mirus Bio Corporation
 505 S. Rosa Rd.
 Madison, WI 53719 USA
 888.530.0801
 608.441.2852
 www.mirusbio.com

Material Safety Data Sheet

Section I - Product Identification

Product Name	<i>TransIT</i> [®] -Jurkat Transfection Reagent
Part Numbers	MIR 2120, MIR 2124, MIR 2125, MIR 2126
Product Use	Research Laboratory

Precautionary Labeling

As yet, the chemical, physical, and toxicological properties of the *TransIT*[®]-Jurkat reagent have not been thoroughly investigated. The *TransIT*[®]-Jurkat (1% by weight) is potentially harmful and corrosive. Handle with care, and practice safe laboratory techniques.

We are unaware of any hazards with the *TransIT*[®]-Jurkat reagent other than those associated with ethanol, which is used as a solvent. The following information pertains to dehydrated ethanol.

Section II - Components

<u>Component</u>	<u>CAS#</u>	<u>Hazard</u>	<u>Weight %</u>
Dehydrated Ethanol	64-17-5	Highly Toxic, Flammable	100

Section III - Physical Data

Appearance	Clear sol'n.	Specific Gravity	0.7906
Boiling Point	78°C	Solubility in Water	Soluble
Vapor Pressure	44.6 mm Hg		

Section IV - Fire and Explosion Hazard Data

Fire Extinguishing Media

Use water, alcohol foam, dry chemical, carbon dioxide, or halon.

Special Fire-Fighting Procedures

Avoid breathing vapors. Use self-contained breathing apparatus. Firefighters should wear proper protective equipment.

Unusual Fire and Explosion Hazards

None.

Section V - Health Hazard Data

TLV	1000 ppm	Oral Rat LD₅₀	N/A
PEL	N/A	Carcinogenicity	Unknown

Section VI - Reactivity Data

Stability	Stable	Incompatibilities	Strong oxidizing agents, strong inorganic acids
------------------	--------	--------------------------	---

Section VII - Spills and Disposal

Spills

Wear suitable protective equipment. Eliminate ignition sources. Use absorbent and place in a tightly sealed container for disposal. Flush area with water.

Disposal

Dispose in accordance with all applicable federal, state, and local regulations.

Section VIII - Protective Equipment

Ventilation

Local exhaust.

Respiratory Protection

Use self-contained breathing apparatus in high vapor concentrations.

Eye/Skin Protection

Wear safety glasses with sideshields and chemical resistant gloves.

Section IX - Storage and Handling

Storage Requirements

Keep container tightly closed. Keep away from sparks, flame and heat. Avoid contact with eyes, and use adequate ventilation. Should be stored at 4°C.

Section X - Transportation

AIR (ICAO)

Proper Shipping Name:	Ethyl Alcohol
Hazard Class:	3
Packing Group:	II
Labels:	Flammable Liquid

The information given above was obtained from reliable sources and we believe it is correct. No warranty is expressed or is implied regarding the accuracy or completeness of this information. It is the user's responsibility to verify this information and determine its suitability under their own operating conditions. In no case will Mirus be liable for incidental or consequential damages, including lost profits.