

MATERIAL SAFETY DATA SHEET

MSDS No. : 2009554 DATA PREPARED : 1-Dec-09

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION MANUFACTURERS NAME Y TRANS OENIC INC. ADRESS Y T-14 Winatgiumminami-machi, Chuo-ku, Kobe, Japan 650-0047. TELEPHONE NUMBER FOR INFORMATION Y 491-78-308-0295 COMPOSITION / INFORMATION NINGEDIENTS CHEMICAL NAME CONTENT Anti Human ABCF1 Polycional Antibody 1 Phosphate buffer solution - NATI HUMAN COVERVIEW Withe frozen mass. Initiation of eyes and skin. May be harmful if inhaled and ingested. POTENTIAL HEALTH EFFECTS ROUTE OF ENTRY ROUTE OF ENTRY : NALACTON : SKIN CONTACT : Hypersensitive individuals may experience allergic reactions such as rash and hives. SKIN ABSORPTION : Protential : NHALATION : INHALATION : ROUTE OF ENTRY : SKIN CONTACT : SKIN CONTACT : Hypersensitive individuals may experience allergic reactions and dermatologic reactions such as rash and hives. SKIN ABSORPTION : Protompad exposure may result in the material being abaorbod Horough skin in harm full amounts. </th <th></th>	
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FIRE & EXPLOSION HAZARDS : Toxic, irritating fumes or smoke may be emitted. FIRE FIGHTING INSTRUCTIONS : Firemen should wear normal protective equipments and positive-pressure self-contained breathing apparatus.	
6. ACCIDENTAL RELEASE MEASURES	
Do not touch spilled material without suitable protection. Take up spilled material with ashes or other absorbents. After material is completely picked up, wash the spill site with	soap and
water and ventilate the area. During the cleanup, wear protective clothes, gloves and goggles. Put all wastes in a plastic bag for disposal and seal it tightly. Remove, clean or	
contaminated clothing.	
7. HANDLING AND STORAGE	
Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Handle material with suitable protection.	
Store away from sunlight in a cold (-20 °C = -4KF) well- ventilated dry place. Keep container tightly closed.	
8. EXPOSURE CONTROLS / PERSONAL PROTECTION	
ENGINEERING CONTROLS : Use exhaust ventilation to keep airborne concentrations below exposure limits. Use only with adequate ventilation. VENTILATION : Local ExhaustNecessary, Mechanical (General)Necessary.	
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9. PHYSICAL AND CHEMICAL PROPERTIES	
APPEARANCE AND ODOR : White frozen mass, MELTING POINTNot Available, BOILING POINTNot available,	
SPECIFIC GRAVITY : Not available, SOLUBILITY IN WATERMiscible	
10. STABILITY AND REACTIVITY	
CHEMICAL STABILITY : This material is stable under normal and anticipated ambient storage and handling conditions.	
CONDITON TO AVOID : Sunlight, heat.	
INCOMPATIBILITY (MATERIAL TO AVOID) : Strong oxidizers, metals, acids, acid chlorides	
HAZARDOUS DEOMPOSITION PRODUCTS : Carbon monoxide, nitrogen oxides, Sulfur oxides, phosphor oxides and sodium compounds may be formed.	
HAZARDOUS POLYMERIZATION : Will not occur.	
11. TOXICOLOGICAL INFORMATION	
ACUTE EFFECTS : May be harmful by inhalation, indigestion or skin absorption. The toxicological properties have not been thoroughly investigated.	
12. ECOLOGICAL INFORMATION	
Not available.	
13. DISPOSAL CONSIDERATIONS	
Disposal should be made in accordance with existing disposal practices employed for infectious waste at your institution. Observe all federal, state and local environmental regulation.	
14. TRANSPORT INFORMATION	
Not available.	
15. REGULATORY INFORMATION	
CautionSubstance not yet fully tested.	
16. OTHER INFORMATION This product is a sharring autotages and is intended to be used by persons beying sharring knowledge and skill, as their own dispersion and risk	
This product is a chemical substance and is intended to be used by persons having chemical knowledge and skill, as their own discretion and risk. The above information is believed to be correct but dose not purport to be all inclusive and shall be used only as a guide.	

** shall not be held liable for any damage resulting from handling or from contact with the above material.