



6143 N. 60th Street
Milwaukee, WI 53218
414-535-9506
Date: 6/5/14

Material Safety Data Sheet

Product Name: Perfect Plus 2 KB DNA Ladder (ready load)
Product Number: 3140
Chemical Name: N/A
Chemical formula: N/A

Product Description

Double-stranded DNA molecular weight standards

Hazardous Ingredients

No known hazards are associated with this product.

Health Hazard Data

- IRRITATING TO EYES AND SKIN
- IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE
- WEAR SUITABLE PROTECTIVE CLOTHING

First Aid Measures

- IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES
- IF SWALLOWED, WASH OUT MOUTH WITH WATER AND CALL A PHYSICIAN OR POISON CONTROL CENTER

Fire Fighting Measures

EXTINGUISHING MEDIA

- WATER SPRAY
- CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM
- WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES
 - EMITS TOXIC FUMES UNDER FIRE CONDITIONS

Accidental Release Measures

- CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES
- ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL
- VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE



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Exposure Controls/Personal Protection

- WEAR CHEMICAL RESISTANT GLOVES, SAFETY GOGGLES, AND OTHER PROTECTIVE CLOTHING
- MECHANICAL EXHAUST REQUIRED
- SAFETY SHOWER AND EYE BATH REQUIRED
- DO NOT BREATHE VAPOR
- AVOID CONTACT WITH EYES, SKIN, AND CLOTHING
- AVOID PROLONGED OR REPEATED EXPOSURE
- WASH THOROUGHLY AFTER HANDLING
- WASH CONTAMINATED CLOTHING BEFORE REUSE
- KEEP TIGHTLY CLOSED
- STORE IN A COOL DRY PLACE

Physical and Chemical Properties

PHYSICAL PROPERTIES

SOLUBILITY: WATER SOLUBLE
APPEARANCE: GREEN LIQUID

Stability and Reactivity

CONDITIONS TO AVOID

- PROTECT FROM MOISTURE

INCOMPATIBILITIES

- PROTECT FROM MOISTURE
- STRONG OXIDIZING AGENTS
- STRONG BASES

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

- CARBON MONOXIDE, CARBON DIOXIDE

HAZARDOUS POLYMERIZATION

- WILL NOT OCCUR

Toxicological Information

ACUTE EFFECTS

- MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT
- MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION
- CAUSES EYE AND SKIN IRRITATION
- TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED

CHRONIC EFFECTS

- NONE