

MATERIAL SAFETY DATA SHEET**ONPG**

Rockland, Inc.

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SECTION 1:-----CHEMICAL IDENTIFICATION-----

NAME: ONPG (o-Nitrophenyl-Beta-D-galactopyranoside)

SECTION 2:-----COMPOSITION/INFORMATION ON INGREDIENTS-----

CHEMICAL NAME:	CAS#	RTECS#:	%:
ONPG	369-07-03	NOT LISTED	<95

SYNONYMS:

o-Nitrophenyl-Beta-D-galactopyranoside

SECTION 3:-----HAZARDS IDENTIFICATION-----

MAY BE IRRITATING TO SKIN, EYES, AND UPPER RESPIRATORY TRACT. MAY BE HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.

SECTION 4:-----FIRST-AID MEASURES-----

IN CASE OF CONTACT WITH EYES, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 20 MINUTES, HOLDING EYELIDS OPEN WHILE FLUSHING. IN CASE OF CONTACT WITH SKIN, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHING. IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.

SECTION 5:-----FIRE FIGHTING MEASURES-----

EXTINGUISHING MEDIA

WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER, ALCOHOL OR ALL PURPOSE FOAM.

SPECIAL FIRE FIGHTING MEASURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

MAY EMIT TOXIC FUMES UNDER FIRE CONDITIONS

SECTION 6:-----ACCIDENTAL RELEASE MEASURES-----

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES. VACUUM OR SWEEP UP MATERIAL AND PLACE IN DISPOSABLE CONTAINER. SCRUB CONTAMINATED AREA WITH DETERGENT AND FLUSH WITH WATER. ADSORB WASH LIQUID AND PLACE IN DISPOSABLE CONTAINER.

SECTION 7:-----HANDLING AND STORAGE-----

REFER TO SECTION 8.

SECTION 8:-----EXPOSURE CONTROLS/PERSONAL PROTECTION-----CHEMICAL SAFETY GOGGLES. COMPATIBLE CHEMICAL-RESISTANT GLOVES
NIOSH/MSHA-APPROVED RESPIRATOR. SAFETY SHOWER AND EYE BATH
MECHANICAL EXHAUST REQUIRED. DO NOT BREATHE VAPOR. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. AVOID PROLONGED OR REPEATED EXPOSURE. WASH THOROUGHLY AFTER HANDLING. KEEP TIGHTLY CLOSED. STORE IN A FREEZER. STORE AWAY FROM OXIDIZERS, ACIDS, AND BASES.

SECTION 9:-----PHYSICAL AND CHEMICAL PROPERTIES-----

APPEARANCE: OFF-WHITE POWDER

PHYSICAL PROPERTIES:

MELTING POINT: 195C SPECIFIC GRAVITY: ND
MOLECULAR WEIGHT: 301.3 MOLECULAR FORMULA: C12H15NO8

SECTION 10:-----STABILITY AND REACTIVITY -----

STABILITY: STABLE

INCOMPATIBILITIES: STRONG OXIDIZING AGENTS, STRONG ACIDS AND
BASES

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:

TOXIC FUMES OF: CARBON MONOXIDE, CARBON DIOXIDE, OR NO_x

HAZARDOUS POLYMERIZATION WILL NOT OCCUR

SECTION 11:-----TOXICOLOGICAL INFORMATION-----

ACUTE EFFECTS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.

MAY CAUSE IRRITATION. THE CHEMICAL, PHYSICAL AND TOXICOLOGICAL
PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED

RTECS#: NOT LISTED

SECTION 12:-----ECOLOGICAL INFORMATION-----

DATA NOT YET AVAILABLE

SECTION 13:-----DISPOSAL CONSIDERATIONS-----

RESPONSIBILITY OF THE USER TO DETERMINE AT TIME OF DISPOSAL IF PRODUCT MEETS
NECESSARY HAZARDOUS WASTE STANDARDS

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14:-----TRANSPORT INFORMATION-----

NOT REGULATED

SECTION 15:-----REGULATORY INFORMATION-----

LISTED ON CHEMICALS LIST IN AUSTRALIA AND CHINA

CANADA: DOMESTIC SUBSTANCES LIST/NON-CONFIDENTIAL

REVIEWS, STANDARDS, AND REGULATIONS

OEL_MAK

EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE_REGISTRATION

FEREAC 54,7740,89

NOES 1983: HZD X6874: NIS22; TNF 5475; NOS 48; TNE 161625; TFE 125776

EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

EPA TSCA SECTION 8(D) UNPUBLISHED HEALTH/SAFETY STUDIES

EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, APRIL 1997

SECTION 16:-----OTHER INFORMATION-----

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE
ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. MANUFACTURER SHALL NOT BE
HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING FROM CONTACT WITH THE
ABOVE PRODUCT.

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