

BUEHLER LTD -- PHENOLIC POWDER 20-3200 RED -- 9330-01-103-3145

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Product Identification  
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Product ID:PHENOLIC POWDER 20-3200 RED

MSDS Date:10/11/1990

FSC:9330

NIIN:01-103-3145

MSDS Number: BSYLY

=== Responsible Party ===

Company Name:BUEHLER LTD

Address:41 WAUKEGAN RD

Box:1

City:LAKE BLUFF

State:IL

ZIP:60044-1687

Country:US

Info Phone Num:708-295-6500 / FAX 708-295-7979

Emergency Phone Nu

m:708-295-6500

Preparer's Name:TOM DERAM

CAGE:09410

=== Contractor Identification ===

Company Name:BUEHLER LTD.

Address:41 WAUKEGAN RD.

Box:City:LAKE BLUFF

State:IL

ZIP:60044-1687

Country:US

Phone:847-295-8500

CAGE:09410

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Composition/Information on Ingredients  
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Ingred Name:PARTICULATES NOT OTHERWISE REGULATED (NUISANCE DUST)

Fraction by Wt: 5-15% %

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 8990

Ingred Name:NON HAZARDOUS ING

REDIENTS

Fraction by Wt: BALANCE

Other REC Limits:NONE RECOMMENDED

Ingred Name:PHENOL (SARA III) (EVOLVED DURING POLYMERIZATION OR DECOMPOSITION OF PRODUCT)

CAS:108-95-2

RTECS #:SJ3327000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 5 PPM

ACGIH TLV:S, 5 PPM; 9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:FORMALDEHYDE (SARA III) (EVOLVED DURING POLYMERIZATION OR DECOMPOSITION OF PRODUCT)

CAS:50-00-0

RTECS #:LP8925000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.10

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ACGIH TLV:C 0.3 PPM; A2; 9394

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:AMMONIA (SARA III) (EVOLVED DURING POLYMERIZATION OR DECOMPOSITION OF PRODUCT)

CAS:7664-41-7

RTECS #:BO0875000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM

ACGIH TLV:25 PPM/35 STEL; 9394

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:TLV 5 MG/M3 RESPIRABLE DUST

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Repo

rts of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:VAPOR MAY BE IRRITATING TO SKIN EYES OR RESPIRATORY TRACT. VAPORS EVOLVED DURING POLYMERIZATION OR DECOMPOSITION MAY CAUSE IRRITATION TO EYES, LUNGS AND SKIN. PHENOL IS HIGHLY TOXIC AND MAY CAUSE KIDN EY, LIVER OR HEART DAMAGE. FORMALDEHYDEIS IRRITATING TO EYES, LUNGS AND SKIN AND MAY CAUSE CANCER. AMMONIA-IRRITANT.

Explanation of Carcinogenicity:AS SHIPPED/STORED PRODUCT IS NOT CARCINOGENIC

. VAPORS RELEASED UPON POLYMERIZATION/DECOMPOSITION CONTAIN FORMALDEHYDE.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, RESPIRATORY TRACT IRRITATION, KIDNEY DAMAGE, LIVER DAMAGE, HEART DAMAGE, MUCOUS MEMBRANE IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. SKIN:

WASH AFFECTED AREA

THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DILUTE BY DRINKING LARGE QUANTITIES OF WATER. GET MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point:NONFLAMMABLE

Lower Limits:.03 OZ/FT3

Upper Limits:NOT GIVEN

Extinguishing Media:WATER, FOAM, DRY CHEMICAL, CARBON DIOXID

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Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND FULL FACE-PIECE SELF-CONTAINED BREATHING APPARATUS. AVOID INHALATION OF VAPORS.

Unusual Fire/Explosion Hazard:ORGANIC DUST/AIR MIXTURES ARE HIGHLY FLAMMABLE (EXPLOSIVE). AVOID DUST ACCUMULATIONS OR DUST LADEN ATMOSPHERES AND SOURCES OF IGNITION.

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===== Accidental Release Measures =====

Spill Release Procedures:VACUUM OR SWEEP WITH SWEEPING COMPOUND, SWADUST OR SAND. AVOID GENER

ATING DUST. VACUUMS WITH EXPLOSION  
PROOF MOTORS ARE RECOMMENDED.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY PLACE. KEEP  
CONTAINERS CLOSED TO AVOID CONTAMINATION.  
Other Precautions:PREVENT ACCUMULATIONS OF DUST RAISED DURING  
PROCESSING. USE WITH ADEQUATE VENTILATION.

===== Exposure Controls/Personal Protection =====

Respiratory Protectio

n:IF VENTILATION DOES NOT MAINTAIN INHALATION  
EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER  
CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR  
SELECTION.

Ventilation:LOCAL EXHAUST RO REMOVE DUST AND VAPORS EVOLVED DURING USE.  
POINT SOURCES EXHAUST RECOMMENDED. USE EXPLOSION PROOF MOTOR

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:EYE WASH FACILITY

Work Hygienic Practices:WASH WITH S  
OAP AND WATER AFTER HANDLING PRODUCT  
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

MANUFACTURER STATES DOT HAZARD CLASS "NON-HAZARDOUS".

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:1.32-2.20

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GRANULAR, NODULAR, PELLET

OR BRIQUET WITH SLIGHT  
PHENOL ODOR-RED.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES  
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid: AVOID DUST BUILD UP IN STORAGE AND  
MANUFACTURING AREAS.

Hazardous Decomposition Products: PHENOL, FORMALDEHYDE, AMMONIA, CARBON  
MONOXIDE, CARBON DIOXIDE

===== Disposal Considerations =====

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING  
SURROUNDING

ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR  
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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