

ORDER NO: 5131018 RELEASE NO: 001 MSDS NO: 035379

B A R N E S     D I S T R I B U T I O N

Synonyms: 21532  
BASF  
THE CHEMICAL COMPANY

SAFETY DATA SHEET

DEGASEAL 2000 BLACK

REVISION DATE: 2012/07/29

VERSION: 1.0

(30367700/SDS\_GEN\_US/EN)

-----1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION -----

COMPANY:  
BASF CORPORATION  
100 CAMPUS DRIVE  
FLORHAM PARK, NJ 07932  
USA

24 HOUR EMERGENCY RESPONSE INFORMATION:  
CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP

-----2. COMPOSITION/INFORMATION ON INGREDIENTS -----

CAS NUMBER	CONTENT (W/W)	CHEMICAL NAME
1330-20-7	15.0 - 40.0%	XYLENE
100-41-4	5.0 - 10.0%	ETHYLBENZENE
112945-52-5	3.0 - 7.0%	SILICA
1317-65-3	1.0 - 5.0%	LIMESTONE
72623-85-9	0.5 - 1.5%	LUBRICATING OILS (PETROLEUM), C20-50, HYDROTREATED NEUTRAL OIL-BASED, HIGH-VISCOSITY
72623-86-0	0.5 - 1.5%	LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED NEUTRAL OIL-BASED
72623-87-1	0.5 - 1.5%	LUBRICATING OILS (PETROLEUM), C20-50, HYDROTREATED NEUTRAL OIL-BASED
64742-54-7	0.5 - 1.5%	DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC

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OF LOW TOXICITY AFTER SINGLE INGESTION.

INFORMATION ON: DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE

VIRTUALLY NONTOXIC AFTER A SINGLE INGESTION.

VIRTUALLY NONTOXIC AFTER A SINGLE SKIN CONTACT.

OF MODERATE TOXICITY AFTER SHORT-TERM INHALATION.

IRRESPECTIVE OF THIS ASSESSMENT THE SUBSTANCE HAS TO BE CLASSIFIED AS TOXIC  
DUE TO ITS CARCINOGENIC POTENTIAL.

INFORMATION ON: WHITE MINERAL OIL (PETROLEUM)  
HIGH CONCENTRATIONS IN THE AIR MAY CAUSE NARCOSIS.

IRRITATION:

INFORMATION ON: ETHYLBENZENE  
NOT IRRITATING TO THE EYES. SKIN CONTACT CAUSES IRRITATION.

INFORMATION ON: DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC  
PROLONGED OR REPEATED CONTACT MAY CAUSE MILD SKIN IRRITATION.

INFORMATION ON: DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE  
MAY CAUSE SLIGHT IRRITATION TO THE SKIN. NOT IRRITATING TO THE EYES.

REPEATED DOSE TOXICITY:  
OVEREXPOSURE MAY CAUSE CNS DEPRESSION INCLUDING HEADACHE, DIZZINESS, NAUSEA  
AND LOSS OF CONSCIOUSNESS.

INFORMATION ON: XYLENE

OVEREXPOSURE MAY CAUSE LIVER AND KIDNEY TOXICITY.

THE SUBSTANCE MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM AFTER REPEATED  
INGESTION OF HIGH DOSES.

INFORMATION ON: DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC

THE SUBSTANCE MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM AFTER REPEATED  
INHALATION.

#### -----4. FIRST-AID MEASURES -----

GENERAL ADVICE:  
FIRST AID PERSONNEL SHOULD PAY ATTENTION TO THEIR OWN SAFETY. REMOVE  
CONTAMINATED CLOTHING.

IF INHALED:  
IF DIFFICULTIES OCCUR AFTER VAPOUR/AEROSOL HAS BEEN INHALED, REMOVE TO FRESH  
AIR AND SEEK MEDICAL ATTENTION.

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IF ON SKIN:

AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF WATER AND SOAP. UNDER NO CIRCUMSTANCES SHOULD ORGANIC SOLVENT BE USED. IF IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION.

IF IN EYES:

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

IF SWALLOWED:

RINSE MOUTH IMMEDIATELY AND THEN DRINK PLENTY OF WATER, SEEK MEDICAL ATTENTION. DO NOT INDUCE VOMITING UNLESS TOLD TO BY A POISON CONTROL CENTER OR DOCTOR.

NEVER INDUCE VOMITING OR GIVE ANYTHING BY MOUTH IF THE VICTIM IS UNCONSCIOUS OR HAVING CONVULSIONS.

-----5. FIRE-FIGHTING MEASURES -----

FLASH POINT:

27 DEG. C

80.6 DEG. F

LOWER EXPLOSION LIMIT: 1.0 %(V)

UPPER EXPLOSION LIMIT: 6.7 %(V)

SELF-IGNITION TEMPERATURE: NOT SELF-IGNITING

SUITABLE EXTINGUISHING MEDIA:

CARBON DIOXIDE, DRY EXTINGUISHING MEDIA, FOAM, WATER FOG

HAZARDS DURING FIRE-FIGHTING:

CARBON MONOXIDE, CARBON DIOXIDE, HARMFUL VAPOURS, NITROGEN OXIDES, FUMES/SMOKE, CARBON BLACK

PROTECTIVE EQUIPMENT FOR FIRE-FIGHTING:

WEAR A SELF-CONTAINED BREATHING APPARATUS.

FURTHER INFORMATION:

REMOVE PRODUCT FROM AREAS OF FIRE, OR OTHERWISE COOL CONTAINERS WITH WATER IN ORDER TO AVOID PRESSURE BUILD UP DUE TO HEAT. THE DEGREE OF RISK IS GOVERNED BY THE BURNING SUBSTANCE AND THE FIRE CONDITIONS. CONTAMINATED EXTINGUISHING WATER MUST BE DISPOSED OF IN ACCORDANCE WITH OFFICIAL REGULATIONS.

-----6. ACCIDENTAL RELEASE MEASURES -----

PERSONAL PRECAUTIONS:

USE PERSONAL PROTECTIVE CLOTHING. DO NOT BREATHE VAPOUR/AEROSOL/SPRAY MISTS. SOURCES OF IGNITION SHOULD BE KEPT WELL CLEAR. HANDLE IN ACCORDANCE WITH

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BARNES DISTRIBUTION  
GOOD BUILDING MATERIALS HYGIENE AND SAFETY PRACTICE.

ENVIRONMENTAL PRECAUTIONS:

CONTAIN CONTAMINATED WATER/FIREFIGHTING WATER. DO NOT DISCHARGE INTO DRAINS/SURFACE WATERS/GROUNDWATER.

CLEANUP:

FOR SMALL AMOUNTS:

PICK UP WITH INERT ABSORBENT MATERIAL (E.G. SAND, EARTH ETC.). DISPOSE OF CONTAMINATED MATERIAL AS PRESCRIBED.

FOR LARGE AMOUNTS: PUMP OFF PRODUCT.

-----7. HANDLING AND STORAGE -----

HANDLING:

GENERAL ADVICE:

AVOID AEROSOL FORMATION. AVOID INHALATION OF MISTS/VAPOURS. AVOID SKIN CONTACT. NO SPECIAL MEASURES NECESSARY PROVIDED PRODUCT IS USED CORRECTLY.

PROTECTION AGAINST FIRE AND EXPLOSION:

KEEP AWAY FROM HEAT. PREVENT ELECTROSTATIC CHARGE - SOURCES OF IGNITION SHOULD BE KEPT WELL CLEAR - FIRE EXTINGUISHERS SHOULD BE KEPT HANDY.

STORAGE:

GENERAL ADVICE:

KEEP ONLY IN THE ORIGINAL CONTAINER IN A COOL, DRY, WELL-VENTILATED PLACE AWAY FROM IGNITION SOURCES, HEAT OR FLAME. PROTECT FROM DIRECT SUNLIGHT. STORE PROTECTED AGAINST FREEZING.

STORAGE INCOMPATIBILITY:

GENERAL:

SEGREGATE FROM METALS. SEGREGATE FROM LYES. SEGREGATE FROM OXIDANTS. SEGREGATE FROM FOODS AND ANIMAL FEEDS.

-----8. EXPOSURE CONTROLS AND PERSONAL PROTECTION -----

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS:

XYLENE:

OSHA:

PEL:

100 PPM

435 MG/M3

ACGIH:

TWA VALUE: 100 PPM

STEL VALUE: 150 PPM

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ETHYLBENZENE:

OSHA:

PEL:

100 PPM

435 MG/M3

ACGIH:

TWA VALUE: 100 PPM

STEL VALUE: 125 PPM

LIMESTONE:

OSHA:

PEL: 5 MG/M3 RESPIRABLE FRACTION

PEL: 15 MG/M3 TOTAL DUST

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC:

OSHA:

PEL:

500 PPM

2,000 MG/M3

WHITE MINERAL OIL (PETROLEUM):

ACGIH:

TWA VALUE: 5 MG/M3 MIST

STEL VALUE: 10 MG/M3 MIST

CARBON BLACK:

OSHA:

PEL: 3.5 MG/M3

ACGIH:

TWA VALUE: 3.5 MG/M3

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION:

WHEN WORKERS ARE FACING CONCENTRATIONS ABOVE THE OCCUPATIONAL EXPOSURE LIMITS THEY MUST USE APPROPRIATE CERTIFIED RESPIRATORS.

HAND PROTECTION:

WEAR CHEMICAL RESISTANT PROTECTIVE GLOVES., MANUFACTURER'S DIRECTIONS FOR USE SHOULD BE OBSERVED BECAUSE OF GREAT DIVERSITY OF TYPES.

EYE PROTECTION: TIGHTLY FITTING SAFETY GOGGLES (CHEMICAL GOGGLES).

BODY PROTECTION:

BODY PROTECTION MUST BE CHOSEN BASED ON LEVEL OF ACTIVITY AND EXPOSURE.

GENERAL SAFETY AND HYGIENE MEASURES:

AVOID CONTACT WITH THE SKIN, EYES AND CLOTHING. IN ORDER TO PREVENT CONTAMINATION WHILE HANDLING, CLOSED WORKING CLOTHES AND WORKING GLOVES SHOULD BE USED. HANDLE IN ACCORDANCE WITH GOOD BUILDING MATERIALS HYGIENE

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AND SAFETY PRACTICE. WHEN USING, DO NOT EAT, DRINK OR SMOKE. HANDS AND/OR  
FACE SHOULD BE WASHED BEFORE BREAKS AND AT THE END OF THE SHIFT. AT THE END  
OF THE SHIFT THE SKIN SHOULD BE CLEANED AND SKIN-CARE AGENTS APPLIED. GLOVES  
MUST BE INSPECTED REGULARLY AND PRIOR TO EACH USE. REPLACE IF NECESSARY  
(E.G. PINHOLE LEAKS).

-----9. PHYSICAL AND CHEMICAL PROPERTIES -----

FORM: PASTE

ODOUR: SOLVENT-LIKE

COLOUR: VARIOUS COLOURS

PH VALUE: UNSPECIFIED, OF LOW SOLUBILITY

MELTING POINT: UNSPECIFIED

BOILING RANGE: 136.12 - 315.00 DEG. C

RELATIVE DENSITY: 0.98

BULK DENSITY: 1,800 - 2,400 KG/M3

VAPOUR DENSITY: HEAVIER THAN AIR.

PARTITIONING COEFFICIENT N-OCTANOL/WATER (LOG POW): NO DATA AVAILABLE.

SOLUBILITY IN WATER: SLIGHTLY SOLUBLE

-----10. STABILITY AND REACTIVITY -----

SUBSTANCES TO AVOID: OXIDIZING AGENTS

HAZARDOUS REACTIONS:  
THE PRODUCT IS STABLE IF STORED AND HANDLED AS PRESCRIBED/INDICATED.

DECOMPOSITION PRODUCTS: CARBON OXIDES

OXIDIZING PROPERTIES:  
BASED ON ITS STRUCTURAL PROPERTIES THE PRODUCT IS NOT CLASSIFIED AS  
OXIDIZING.

-----11. TOXICOLOGICAL INFORMATION -----

CARCINOGENICITY:

INFORMATION ON: ETHYLBENZENE

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER) HAS CLASSIFIED THIS

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SUBSTANCE AS GROUP 2B (THE AGENT IS POSSIBLY CARCINOGENIC TO HUMANS).

NTP LISTED CARCINOGEN:

INFORMATION ON: DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC  
INFORMATION ON: DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC

THE SUBSTANCE SHOWED CARCINOGENIC ACITIVITY IN ANIMALS AFTER CHRONIC  
ADMINISTRATION TO THE SKIN.

THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) HAS CLASSIFIED THIS  
SUBSTANCE AS A GROUP 1 (KNOWN) HUMAN CARCINOGEN.

INFORMATION ON: WHITE MINERAL OIL (PETROLEUM)

RESULTS FROM A NUMBER OF LONG-TERM CARCINOGENITY STUDIES ARE AVAILABLE.  
TAKING INTO ACCOUNT ALL OF THE INFORMATION, THERE IS NO INDICATION THAT THE  
SUBSTANCE ITSELF IS CARCINOGENIC.

INFORMATION ON: CARBON BLACK

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER) HAS CLASSIFIED THIS  
SUBSTANCE AS GROUP 2B (THE AGENT IS POSSIBLY CARCINOGENIC TO HUMANS).

IN LONG-TERM ANIMAL STUDIES IN WHICH THE SUBSTANCE WAS GIVEN BY INHALATION  
IN HIGH CONCENTRATIONS, A CARCINOGENIC EFFECT WAS OBSERVED.

A CLEAR INDICATION OF AN INCREASED RISK OF CANCER IN HUMANS HAS SO FAR NOT  
BEEN SHOWN.

DEVELOPMENTAL TOXICITY/TERATOGENICITY:

INFORMATION ON: XYLENE  
A TERATOGENIC POTENTIAL CANNOT BE EXCLUDED.

-----12. ECOLOGICAL INFORMATION -----

ENVIRONMENTAL TOXICITY:

OTHER ECOTOXICOLOGICAL ADVICE: ECOLOGICAL DATA ARE NOT AVAILABLE.

-----13. DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL OF SUBSTANCE:

RECOMMENDATIONS:

USE EXCESS PRODUCT IN AN ALTERNATE BENEFICIAL APPLICATION.  
DISPOSE OF IN ACCORDANCE WITH NATIONAL, STATE AND LOCAL REGULATIONS.

CONTAINER DISPOSAL:

CONTAMINATED PACKAGING SHOULD BE EMPTIED AS FAR AS POSSIBLE; THEN IT CAN  
BE PASSED ON FOR RECYCLING AFTER BEING THOROUGHLY CLEANED.

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-----14. TRANSPORT INFORMATION -----

LAND TRANSPORT:

USDOT:

HAZARD CLASS: 3

PACKING GROUP: III

ID NUMBER: UN 1133

HAZARD LABEL: 3

PROPER SHIPPING NAME: ADHESIVES

SEA TRANSPORT:

IMDG:

HAZARD CLASS: 3

PACKING GROUP: III

ID NUMBER: UN 1133

HAZARD LABEL: 3

MARINE POLLUTANT: NO

PROPER SHIPPING NAME: ADHESIVES

AIR TRANSPORT:

IATA/ICAO:

HAZARD CLASS: 3

PACKING GROUP: III

ID NUMBER: UN 1133

HAZARD LABEL: 3

PROPER SHIPPING NAME: ADHESIVES

-----15. REGULATORY INFORMATION -----

FEDERAL REGULATIONS:

REGISTRATION STATUS:

TSCA, US: RELEASED / LISTED

OSHA HAZARD CATEGORY:

IARC 1, 2A OR 2B CARCINOGEN, NTP LISTED CARCINOGEN, CHRONIC TARGET ORGAN  
EFFECTS REPORTED, ACGIH TLV ESTABLISHED, FLAMMABLE LIQUID

CERCLA RQ	CAS NUMBER	CHEMICAL NAME
5000 LBS	107-21-1	ETHYLENEGLYCOL
1000 LBS	100-41-4; 108-88-3	ETHYLBENZENE; TOLUENE
100 LBS	1330-20-7	XYLENE
10 LBS	71-43-2	BENZENE

SARA HAZARD CATEGORIES (EPCRA 311/312): ACUTE, CHRONIC, FIRE

SARA 313:



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CAS NUMBER            CHEMICAL NAME

100-41-4              ETHYLBENZENE

1330-20-7             XYLENE

STATE REGULATIONS:

STATE RTK:

CAS NUMBER	CHEMICAL NAME	STATE RTK
1330-20-7	XYLENE	MA, PA
100-41-4	ETHYLBENZENE	MA, NJ, PA
112945-52-5	SILICA	MA, NJ, PA
1317-65-3	LIMESTONE	MA, PA
64742-52-5	DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	PA
1333-86-4	CARBON BLACK	MA, NJ, PA

CA PROP. 65:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO  
CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

-----16. OTHER INFORMATION -----

HMIS III RATING:

HEALTH                2\*

FLAMMABILITY        3

PHYSICAL HAZARD 0

HMIS USES A NUMBERING SCALE RANGING FROM 0 TO 4 TO INDICATE THE DEGREE OF  
HAZARD. A VALUE OF ZERO MEANS THAT THE SUBSTANCE POSSESSES ESSENTIALLY NO  
HAZARD; A RATING OF FOUR INDICATES HIGH HAZARD.

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