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**Barnes Distribution**

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**Material Safety Data Sheet**

**MSDS Form No. : 012142  
Item No. : AN32000, AN32000-1  
MATERIAL SAFETY DATA SHEET**

NUTEK (R\*)

EARTH-FRIENDLY. HIGH PERFORMANCE.

HOUSEHOLD CLEANER

-----SECTION 1: PRODUCT AND COMPANY IDENTIFICATION -----

PRODUCT NAME: GRIME OFF BRAKE CLEANER

MANUFACTURER'S NAME: NUTEK, LLC

ADDRESS:  
33 RIVER ST  
CHAGRIN FALLS, OH 44022

INFORMATION PHONE: 1-888-688-3548

HMIS HAZARD RATING:

HEALTH 1  
FLAMMABILITY 0  
REACTIVITY 0

0 = LEAST  
1 = SLIGHT  
2 = MODERATE  
3 = HIGH  
4 = EXTREME

-----SECTION 2: INGREDIENTS -----

PROPRIETARY: NON-HAZARDOUS

-----SECTION 3: FIRST AID MEASURES -----

## INGESTION:

IF SWALLOWED, IMMEDIATELY DRINK WATER TO DILUTE, AND CALL A PHYSICIAN.

SKIN: IF IRRITATION PERSISTS, CALL A PHYSICIAN.

EYES: FLUSH EYES FOR AT LEAST 15 MINUTES AND CALL A PHYSICIAN IMMEDIATELY

## -----SECTION 4: FIRE FIGHTING MEASURES -----

FLASH POINT (T.C.C.): NONE

FLAMMABLE LIMITS IN AIR BY VOLUME: NONE

EXTINGUISHING MEDIA. PRODUCT IS NON-COMBUSTIBLE AND WILL NOT BURN.

AUTO IGNITION TEMPERATURE: NONE.

SPECIAL FIREFIGHTING PROCEDURES: NONE

## -----SECTION 5: SPILL, LEAK OR DISPOSAL PROCEDURES -----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

DO NOT WALK THROUGH SPILLED MATERIAL AS FLOORS MAY BE SLIPPERY. STOP LEAK IF POSSIBLE WITHOUT RISK. DYKE LARGE SPILLS TO PREVENT RUN-OFF. MOP, PUMP OR COLLECT WITH SAND OR OTHER INERT ABSORBENT AND RECLAIM INTO CONTAINERS FOR REUSE, RECYCLE OR PROPER DISPOSAL.

WASTE DISPOSAL METHODS:

DISPOSE OF IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL LAWS.

## -----SECTION 6: HANDLING AND STORAGE -----

## HANDLING:

AVOID FREEZING. NO SPECIAL REQUIREMENTS IF PRODUCT IS HANDLED ACCORDING TO GOOD MANUFACTURING PRACTICE. AVOID CONTACT WITH EYES AND KEEP MATERIAL CONTAINERS CLOSED WHEN NOT IN USE. WASH HANDS AFTER HANDLING.

D.O.T. CLASSIFICATION: CLASS 55 NON-HAZARDOUS

## -----SECTION 7: EXPOSURE CONTROL/PERSONAL PROTECTION -----

## RESPIRATORY PROTECTION:

NONE REQUIRED UNDER NORMAL USE CONDITIONS WITH GOOD VENTILATION.

VENTILATION REQUIREMENTS: NORMAL.

PROTECTIVE GLOVES: NOT NECESSARY.

## EYE PROTECTION:

WEAR SAFETY GLASSES, GOGGLES OR SAFETY SHIELD WHEN THERE IS POTENTIAL FOR EYE CONTACT.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:  
NONE REQUIRED OTHER THAN WHAT IS APPROPRIATE DURING SPECIFIC MANUFACTURING OPERATIONS.

-----SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES -----

pH: 8.2-8.4

BOILING RANGE: 212 DEG F

SPECIFIC GRAVITY (H2O=1.0): 1.0

VAPOR PRESSURE (MMHg): NOT DETERMINED

EVAPORATION RATE (VS. H2O): ABOUT THE SAME

SOLUBILITY IN WATER: COMPLETE

VISCOSITY: AS WATER.

FREEZING POINT: 32 DEG.

PERCENT VOLATILE (BY WEIGHT): 0

VAPOR DENSITY (AIR = 1): NOT DETERMINED

APPEARANCE AND ODOR: SLIGHT ODOR; COLORLESS TO A PALE BLUE LIQUID

-----SECTION 9: STABILITY AND REACTIVITY -----

STABILITY: STABLE

UNSTABLE CONDITIONS TO AVOID: NONE KNOWN.

INCOMPATIBILITY (MATERIALS TO AVOID): NONE

HAZARDOUS DECOMPOSITION OR BYPRODUCTS NONE KNOWN.

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: WILL NOT OCCUR.

-----SECTION 10: HEALTH HAZARD DATA -----

PRIMARY ROUTES OF EXPOSURE:

EYE	(X)
SKIN	(X)
ORAL	(X)
INHALATION	( )
OTHER	( )

SIGNS AND SYMPTOMS OF:

DIRECT CONTACT WITH EYES MAY CAUSE SEVERE IRRITATION, PAIN AND SWELLING OF CONJUNCTIVE AND POSSIBLE CORNEAL DAMAGE IF NOT PROMPTLY TREATED.

## OVEREXPOSURE (ACUTE) :

CORNEAL DAMAGE IF NOT PROMPTLY TREATED. MAY CAUSE MODERATE TO SEVERE SKIN IRRITATION WITH PROLONGED OR REPEATED CONTACT. INGESTION CAN CAUSE SEVERE IRRITATION TO MOUTH, NOSE, THROAT AND STOMACH ALONG WITH NAUSEA AND VOMITING.

## SIGNS AND SYMPTOMS:

OVEREXPOSURE (CHRONIC): NONE CURRENTLY KNOWN.

OSHA: NONE

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: NONE CURRENTLY KNOWN.

I.A.R.C. MONOGRAPHS: NONE

CARCINOGEN OR SUSPECT CARCINOGEN INGREDIENTS: NONE.

NATIONAL TOXICOLOGY PROGRAM: NONE

THE HEALTH HAZARDS GIVEN ON THIS MATERIAL SAFETY DATA SHEET APPLY TO THIS PRODUCT IN ITS CONCENTRATED FORM (AS SUPPLIED) AND MAY DIFFER SIGNIFICANTLY AT USE DILUTION. THE SIGNS AND SYMPTOMS OF OVER-EXPOSURE APPLY ONLY TO NEGLIGENCE IN HANDLING OR MISUSE OF THE CONCENTRATED PRODUCT AND NOT TO THE ROUTINE EXPOSURE OF THE DILUTED PRODUCT UNDER CONDITIONS OF ORDINARY USE. THE INFORMATION PROVIDED HEREIN IS COMPILED FROM INTERNAL REPORTS AND DATA FROM INDUSTRY PUBLICATIONS. IT IS FURNISHED WITHOUT WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED. THIS INFORMATION IS INTENDED TO ASSIST IN EVALUATING THE SUITABILITY AND PROPER USE OF THE MATERIAL IN MANUFACTURING AND IN THE DEVELOPMENT AND IMPLEMENTATION OF SAFETY PRECAUTIONS AND PROCEDURES.