Material Safety Data Sheet

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BASF CORPORATION
3000 CONTINENTAL DRIVE

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(800) 832-HELP (BASF Hotline)
BOTH NUMBERS ARE AVAILABLE DAYS, NIGHTS, WEEKENDS, & HOLIDAYS.

SECTION 1 - PRODUCT INFORMATION

IBUPROFEN 25 GRADE
Product ID: NCN SH0936
Common Chemical Name:
ALPHA-METHYL-4-(2-METHYL PROPYL) BENZENE ACETIC ACID
Synonyms:
4-ISOBUTYL-ALPHA-METHYLPHENYLACETIC ACID; 2-(P-ISOBUTYLPHENYL) CONT.
Molecular Formula:
C(13)H(18)O(2)_____PROPIONIC ACID
Chemical Family: Carboxylic Acid
Molecular Wt.: 206.3

SECTION 2 - INGREDIENTS

Chemical Name:	CAS	Amount
IBUPROFEN	15687-27-1	~ 100.0 %

PEL/TLV NOT ESTABLISHED
Although ACGIH and OSHA have not established specific exposure limits for this material or some of its components, they have established limits for Particulates Not Otherwise Classified or Regulated:
OSHA PEL: 15 mg/m3 Total; 5 mg/m3 Respirable
ACGIH TLV: 10 mg/m3 Total; 3 mg/m3 Respirable

SECTION 3 - PHYSICAL PROPERTIES

Color:	White			
Form/Appearance:	Crystalline Powder			
Odor:	Characteristic			
Odor Intensity:	Faint			
	Typical	Low/High	U.O.M.	
Specific Gravity:	NOT AVAILABLE			
pH:	NOT AVAILABLE			
	Typical	Low/High	Deg. @	Pressure
Boiling Pt:	NOT AVAILABLE			
Freezing Pt:		75 - 77	C	1 ATMOSPHERES
Decomp. Tmp:	NOT AVAILABLE			

Solubility in Water Description: Insoluble

Typical	Low/High	U.O.M.	@ Temperature
Solubility: 1		MG/ML	20 C

SECTION 3 - PHYSICAL PROPERTIES (cont)

SOLUBLE IN ETHANOL AND DIETHYLETHER

SECTION 4 - FIRE AND EXPLOSION DATA

	Typical	Low/High	Deg.	Method
Flash Point:	NOT AVAILABLE			
Autoignition:	NOT AVAILABLE			

Extinguishing Media:
Use water, dry extinguishing media, carbon dioxide (CO2) or foam.
Fire Fighting Procedures:
Firefighters should be equipped with self-contained breathing apparatus and turn out gear.
Unusual Hazards:
Ensure adequate ventilation to minimize dusting. When transferring this product make sure equipment is grounded to prevent electrostatic buildup and potential explosion of dust/air mixture.
Emits toxic fumes under fire conditions.

SECTION 5 - HEALTH EFFECTS

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Toxicology Test Data:
Rat, Oral LD50 - 1295 MG/KG
Moderately Toxic
Mouse, Oral LD50 - 1634 MG/KG
Moderately Toxic
Mouse, Intraperitoneal LD50 - 320 MG/KG
Moderately Toxic
Ames Salmonella Assay -
Not mutagenic
Acute Overexposure Effects:
Contact with the eyes and skin may result in slight irritation.
Sensitization may occur in some individuals.
Inhalation may result in respiratory irritation.
Chronic Overexposure Effects:
Overexposure may result in sensitization, leading to allergic reactions.
First Aid Procedures - Skin:
Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.
First Aid Procedures - Eyes:
Immediately rinse eyes with running water for 15 minutes. If irritation develops, get medical attention.
First Aid Procedures - Ingestion:
If swallowed, dilute with water and immediately induce vomiting.

SECTION 5 - HEALTH EFFECTS (cont)

Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.
First Aid Procedures - Inhalation:
Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
First Aid Procedures - Notes to Physicians:
Target Organ effects: Causes adverse effects on the kidney and liver; causes effects on blood and blood forming organs.

First Aid Procedures - Aggravated Medical Conditions:
Inhalation of dust could aggravate existing respiratory conditions. Peptic ulcers, aspirin hypersensitivity and other hypersensitivities.

First Aid Procedures - Special Precautions:
Possible allergic reaction to dust if inhaled, ingested or in contact with skin. These reactions include runny nose, asthma, or swelling of tissues and hives. Increased sensitivity has been reported in aspirin sensitive individuals. Other symptoms include headache and dizziness.

SECTION 6 - REACTIVITY DATA

Stability Data:
Stable

Incompatability:
Oxidizers
Strong alkali.

Conditions/Hazards to Avoid:
Formation of dust; protect from electrostatic charge.

Hazardous Decomposition/Polymerization:
Hazardous decomposition products: CO and CO2.
Polymerization: Does not occur.

Corrosive Properties:
Not corrosive.

Oxidizer Properties:
Not an oxidizer

SECTION 7 - PERSONAL PROTECTION

Clothing:
Gloves, coveralls, apron, boots as necessary to minimize contact.

Eyes:
Chemical Goggles

Respiration:
If dusts are generated, wear an approved dust respirator.

Ventilation:
Use local exhaust to control dusts.

Explosion Proofing:
None required.

SECTION 8 - SPILL-LEAK/ENVIRONMENTAL

General:
Spills should be contained and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA ("Superfund"). Wear appropriate respiratory protection

SECTION 8 - SPILL-LEAK/ENVIRONMENTAL (cont)

and protective clothing and provide adequate ventilation during clean-up.

Waste Disposal:
Incinerate in a licensed facility. Do not discharge into waterways or sewer systems.

Container Disposal:
Dispose of in a licensed facility. Recommend crushing or other means to prevent unauthorized reuse.

Environmental Toxicity Test Data:
Mysid shrimp, static 96 hour LC50 - > 100 MG/L
Practically Nontoxic
Bluegill Sunfish, static 96 hr LC50 - 175 MG/L
Practically Nontoxic
Sheepshead Minnow, static 96 hr LC50 - >300 MG/L
Practically Nontoxic

SECTION 9 - STORAGE AND HANDLING

General:
Store at moderate temperatures in tight, light-resistant containers.

SECTION 10 - REGULATORY INFORMATION

TSCA Inventory Status
Listed on Inventory: YES
This product is hazardous or contains components which are hazardous according to the OSHA Hazard Communication Standard.

SECTION 11 - TRANSPORTATION INFORMATION

DOT Proper Shipping Name:
N/A
DOT Technical Name:
N/A
DOT Primary Hazard Class:
N/A
DOT Secondary Hazard Class:

DOT Label Required:
N/A
DOT Placard Required:
N/A
DOT Poison Constituent:

BASF Commodity Codes: UN/NA Code: E/R Guide:
Bill of Lading Description:
NOT REGULATED BY THE DEPARTMENT OF TRANSPORTATION
"IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE

SECTION 11 - TRANSPORTATION INFORMATION (cont)

TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK".

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