

MATERIAL SAFETY DATA SHEET
DYNAMITE PLANT FOOD
Dynamite All Purpose 18-6-8
NUTRICOTE® Controlled Release Fertilizers

SECTION I - PRODUCT IDENTIFICATION

Manufacture's-name: Chisso-Asahi Fertilizer Co., LTD
 Address: 7-12 Kouraku 1-chome , Bunkyo-ku , Japan
 Trade Name: "Nutricote" Controlled Release Fertilizer
 UN#: NA 2071

SECTION II - HAZARDOUS INGREDIENTS

EMERGENCY RESPONSE # CHEMTREC 1-703-527-3887

Material or Component		%	Hazard Data
Complex Fertilizer	Note 1	92-88 %	
Resin Coating(Polyorefin)		8-12	

Note 1 Mixture of Ammonium Nitrate, Calcium Phosphate, Ammonium Phosphate, Potassium Sulfate and Potassium Nitrate made by Nitrophosphate manufacturing process from Rock Phosphate, Nitric Acid, Ammonia and Potassium Sulfate.
 Formula: NH₄NO₃, CaHPO₄, NH₄H₂PO₄, K₂SO₄, KNO₃

SECTION III - PHYSICAL DATA

Bolling Point:	760mm Hg	NIA	Melting Point	NIA
Specific Gravity:	(H ₂ O = 1)	1.8	Vapor Pressure	NIA
Vapor Density:	(Air= 1)	NIA	Solubility in H ₂ O % by Wt.	80-90 %
Volatiles by Vol.:		NIA	Evaporation Rate	NIA
Appearance and Odor:	Grey Prills			

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point:	NIA
Autoignition Temperature:	NIA
Flammable Limits in Air, % by Vol.:	Non-flammable Note 2
Extinguishing Media:	Large Amounts of Water
Special Fire Fighting Procedures:	Do not enter fire area without self-contained breathing apparatus
Unusual Fire and Explosion Hazard:	When heated to decomposition, toxic fumes of NO _x are emitted.

Note 2 Some formulations classified as "oxidizer"

SECTION V - HEALTH HAZARD INFORMATION

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Threshold Limit Value: Effect of Overexposure:
Emergency and First Aid Procedures:

SECTION VI - REACTIVITY DATA	
Stability:	Stable
Incompatibility (Materials to Avoid):	Reducing Agents
Hazardous Decomposition Products:	Reaction with reducing agents will produce oxides of nitrogen and
Hazardous polymerization:	heat will not occur

NIA Note 3 Not Determined Nothing Special
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SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Sweep up
Waste disposal method: Apply as fertilizer to field

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not required
Ventilation requirements:	NIA
Protective Gloves:	Not needed
Eye Protection:	Not needed

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing:	Provide adequate ventilation
Other Precautions:	Do not store near open flame. Do not mix in concentrated form with reducing agents.

Note 3

*HN4H03 oral-rat	
LD50	4820 mg/kg
*KN03 oral-rat	
LQ 50	3015 mg/kg