

**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

**EMERGENCY RESPONSE # CHEMTREC 1-703-527-3887**

**SECTION 11 - HAZARDOUS INGREDIENTS**

<u>Material or Component</u>	<u>%</u>	<u>Hazard Data</u>
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**

Boiling Point:	760mm Hg	NIA	Melting Point	NIA
Specific Gravity:	(H2O = 1)	1 .8	Vapor Pressure	NIA
Vapor Density:	(Air= 1)	NIA	Solubility in H2O % 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 NOx are emitted.

Note 2 Some formulations classified as "oxidizer"

**SECTION V - HEALTH HAZARD INFORMATION**

18-6-8

**MATERIAL SAFETY DATA SHEET - NUTRICOTE® Controlled Release Fertilizers - Page 2 of 2**

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 heat
Hazardous polymerization:	will not occur

NIA Note 3 Not Determined Nothing Special

U J . . t r e t j L - p P J I

**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
<del>Protective Gloves:</del>	<del>Not needed</del>
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