AZARD ACUTE HAZARDS/SYMPTOMS PREVENTION FIRST AID/FIRE FIGHTING EXPOSURE Not combustible but enhances combustion of other substances. Explosive. Gives off irritating or toxic frumes (or gases) in a fire. NO contact with combustibles or reducing agents. Water in large amounts. NO or extinguishing agents. In case of the surroundings: use flooding amounts of water in the early of the surroundings. Water in large amounts. NO or extinguishing agents. In case of the surroundings: use flooding amounts of water in the early of the surroundings. Evacuate danger areal in case fire. Keep drums, etc., cool by spring with water. Combat fir from a sheltered position. EXPOSURE PREVENT DISPERSION OF DUST! Evacuate danger areal in case fire. Keep drums, etc., cool by spring with water. Combat fir from a sheltered position. Skin Cough. Headache. Sore throat. See lngestion. Local exhaust or breathing protection. Ingestion. Fresh air, rest. Artificial respire may be needed. Refer for med attention. Skin Redness. Protective gloves. First rinse with plenty of water, remove contaminated dothes rines again. Refer for medical attention. Eyes Redness. Pain. Safety goggles. First rinse with plenty of water several minutes (remove cont lenses if easily possible), then a doctor. numeers Do not eat, drink, or smoke during mork. Rinse mouth. Refer for medica attention. SPILLAGE DISPOSAL PACKAGING & LABELL				-
combustion of other substances. Explosive. Gives off irritating or toxic furmes (or gases) in a fire. reducing agents. extinguishing agents. In case of the surroundings: use flooding amounts of water in the early standard or toxic confinement and high temperatures. EXPLOSION Risk of fire and explosion under confinement and high temperatures. Evacuate danger area! In case fire: keep drums, etc., cool by spraying with water. Combat fi from a sheltered position. EXPOSURE PREVENT DISPERSION OF DUST! Inhalation Cough. Headache. Sore throat. See local exhaust or breathing protection. Ingestion. Fresh air, rest. Artificial respira may be needed. Refer for med attention. Skin Redness. Protective gloves. First rinse with plenty of water, remove contaminated clothes rinse again. Refer for medical attention. Eyes Redness. Pain. Safety goggles. First rinse with plenty of water several minutes (remove cont lenses if easily possible), then a doctor. Ingestion Abdominal pain. Blue lips or fingernails. Blue skin. Convulsions. Diarrhoea. Dizziness. Vomiting. Weakness. Do not eat, drink, or smoke during work. Rinse mouth. Refer for medical attention. SPILLAGE DISPOSAL PACKAGING & LABELLING UN Hazard Class: 5.1 UN Pack Group: III UN Hazard Class: 5.1 UN Pack Group: III	TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
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Ingestion Abdominal pain. Blue lips or fingernails. Blue skin. Convulsions. Diarrhoea. Dizziness. Vomiting. Weakness. Do not eat, drink, or smoke during work. Rinse mouth. Refer for medica attention. SPILLAGE DISPOSAL PACKAGING & LABELLING Evacuate danger area! Consult an expert! Sweep spilled substance into non-combustible containers. Wash away remainder with plenty of water. UN Hazard Class: 5.1 UN Pack Group: III	Skin	Redness.	Protective gloves.	
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Evacuate danger area! Consult an expert! Sweep spilled substance into non-combustible containers. Wash away remainder with plenty of water.	Ingestion	fingernails. Blue skin. Convulsions. Diarrhoea. Dizziness. Vomiting.		Rinse mouth. Refer for medical attention.
spilled substance into non-combustible containers. UN Pack Group: III Wash away remainder with plenty of water. UN Pack Group: III	SPILLAGE DIS	POSAL	PACKAGING & LABELLING	
EMERGENCY RESPONSE SAFE STORAGE	Evacuate danger area! Consult an expert! Sweep spilled substance into non-combustible containers. Wash away remainder with plenty of water.			
	EMERGENCY RESPONSE		SAFE STORAGE	
51GO2-I+II+III combustible and reducing substances. Dry.	Transport Emergency Card: TEC (R)-51S1942 or 51GO2-I+II+III NFPA Code: H 2; F 0; R 3; OX			

IPCS International Programme on Chemical Safety





Prepared in the context of cooperation between the International Programme on Chemical Safety and the European Commission © IPCS 2005

AMMONIUM NITRATE

IMPORTANT DATA				
 Physical State; Appearance COLOURLESS, HYGROSCOPIC TO WHITE SOLID IN VARIOUS FORMS Chemical dangers Heating may cause violent combustion or explosion. The substance decomposes on heating or producing toxic fumes (nitrogen oxides.) The substance is a strong oxidant and reacts with combustible and reducing materials. Occupational exposure limits TLV not established. 	Routes of exposure The substance can be absorbed into the body by inhalation of its aerosol. Inhalation risk Evaporation at 20/C is negligible; a harmful concentration of airborne particles can, however, be reached quickly. Effects of short-term exposure The substance is irritating to the eyes, the skin and the respiratory tract. The substance may cause effects on the blood, resulting in formation of methaemoglobin. Medical observation is indicated. The effects may be delayed.			
PHYSICAL PROPERTIES				
Decomposes below boiling point at about 210/C Melting point: 170/C	Density: 1.7 g/cm ³ Solubility in water, g/100 ml at 20/C: 190			

ENVIRONMENTAL DATA

This substance may be hazardous to the environment; special attention should be given to water quality.

NOTES

Becomes shock-sensitive when mixed with organic materials.

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Rinse contaminated clothes (fire hazard) with plenty of water.

Depending on the degree of exposure, periodic medical examination is suggested.

Specific treatment is necessary in case of poisoning with this substance; the appropriate means with instructions must be available. Card has been partly updated in October 2005. See section Emergency Response.

ADDITIONAL INFORMATION

LEGAL NOTICE

Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible for the use which might be made of this information