

MATERIAL SAFETY DATA SHEET

ASPHALT PRIMARY WATER BASE

SECTION I PRODUCT IDENTIFICATION AND COMPANY

TRADEMARK AND SYNONYMS	AL-KOAT
PRODUCT	ASPHALT PRIMARY WATER BASE
MANUFACTURER	Grupo Industrial Alce S.A DE C.V. Camino a Santa María Totoltepec No. 505, Col. Santa María Totoltepec C.P. 50245 Toluca, Edo. De México. Teléfono: 01 (722) 2 75 06 40 al 46

SECTION II PRODUCT INGREDIENTS

- AC-20 Asphalt
- Emulsifier
- Water
- (No hazardous ingredients).

SECTION III PHYSICAL PROPERTIES

Appearance	dark brown emulsion
VOC'S	0.0%
ODOR	Slight smell of asphalt
BOILING POINT	100 °C.
VAPOR PRESSURE	N/A
WATER SOLUBILITY	100%
VAPOR DENSITY (AIR =1)	N/A

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EVAPORATION RATE	N/A
GRAVITY	1.04
MELTING POINT	N/A

SECTION IV FLASH INFORMATION AND / OR EXPLOSION

FLASH POINT	N/A
FLAMMABLE LIMITS – LEL	N/A
FLAMMABLE LIMITS – UEL	N/A
MEANS OF EXTINCTION	N/A
UNUSUAL FIRE OR EXPLOSION	None.
SPECIAL PROCEDURES FOR FIRE FIGHTING	Not required

SECTION V HEALTH HAZARD A. SUMMARY / RISK.

DIGEST	There are no known acute or chronic.
MEDICAL CONDITIONS AGGRAVATED	Pre-existing respiratory problems.

SECTION VI HEALTH HAZARD B. SIGNS / SYMPTOMS OF OVEREXPOSURE

INHALATION	None
SKIN CONTACT	None

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SKIN ABSORPTION	None
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SECTION VII HEALTH HAZARD C. FIRST AID

INHALATION	N/A
SKIN CONTACT	Rinse with cold water.
SKIN ABSORPTION	N/A.
INGESTION	Do not induce vomiting.
EYES	Rinse thoroughly with water, if irritation persists consult a physician

SECTION VIII THE MATERIAL IS STABLE

CHEMICAL INCOMPATIBILITY	Strong oxidizing agents and solvents
CONDITIONS TO AVOID	Strong oxidizing agents at elevated temperatures and contact with solvents.
PRODUCING AGENTS DECOMPOSITION	Solvents.

SECTION IX CAUTIONS ON HANDLING AND USE

IN CASE OF SPILL OR DRIP	Clean with damp cloth or water
WASTE DISPOSAL METHOD	Waste Standard Provisions.

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SECTION X SPECIAL

SPECIAL HANDLING OR STORAGE: The trays containing the primary should be stored upright with a maximum of 5 buckets to stow shaken before use.

The information in this MSDS was obtained in the testing conditions and with what we believe are reliable, however, information is provided without any representation or warranty, express or implied regarding its accuracy. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we assume no responsibility for any loss and / or damages and expressly disclaim any expenses arising out of or in any way related to the handling, storage, use or disposal of the product.

SECTION XI RISKS TO PERSONNEL

Risk identification system (HMIS/NFPA)

- 0 = Minimal Hazard
- 1 = Slight Hazard
- 2 = Moderate Hazard
- 3 = Serious Danger
- 4 = Severe Hazard

HEALTH	1
FLASH	0
REACTIVITY	0
PERSONAL PROTECTION	B

RISK OF FLASH

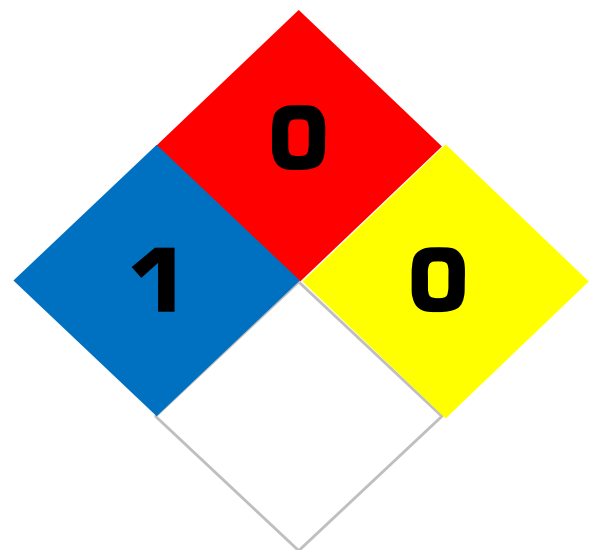
- | | |
|-------------------|-------------------|
| 0 / NOT BURN | 3 / BURN (-) 37°C |
| 1 / BURN (+) 93°C | 4 / BURN (-) 25°C |

HEALTH HAZARD

- | | |
|----------------------|--------------------|
| 0 / NORMAL | 3 / VERY DANGEROUS |
| 1 / LITTLE DANGEROUS | 4 / MORTAL |
| 2 / DANGEROUS | |

REACTIVITY HAZARD

- | | |
|-----------------------------|-------------------------------------|
| 0 / STABLE | 3 / CAN EXPLODE BY SHOCK OR WARMING |
| 1 / UNSTABLE AL WARMING | 4 / CAN EXPLODE |
| 2 / CHEMICAL CHANGE VIOLENT | |



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