

Giant
YELLOWKNIFE MINES LIMITED

YELLOWKNIFE, N.W.T.
X1A 2M2

TELEPHONE 403-873-6301
TELEX:
PURCHASING 034-45503
OTHER DEPT. 034-45514

URGENT! ☐ AS SOON AS POSSIBLE ☐

06683

FROM

DEPT.

COPY TO

SEND TO

S. El Alfy
S. McAlpine
K. Blower

DATE

SUBJECT

MESSAGE

Please add this information sheet
to your copy of the letter to W. Cadieux
of the Enterprise Settlement Council.
This completes the information pkge
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AS

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ARSENIC TRIOXIDE TRANSFER FACILITY

Plant design capacity	10 tonnes/hour
Estimated normal volume	20 tonnes/day
Transfer process	Pneumatic
Duration of project	Estimate 20 years

Product Description

Chemical name	Arsenic Trioxide
Chemical symbol	As_2O_3
Appearance	Fine white crystals
Specific gravity	3.74
Solubility in water	18 gm/L at 20°C
Toxicity	Approx. 5 mg/kg body wt.
Flammability	Non flammable - gas is emitted at +200°C
Weight by unit volume	2,000 kg/m ³
Chemical reactivity	Contact with acids in combination with certain metals, eg. galvanized sheet metal, may cause formation of toxic fumes.
Respirable exposure limit	30 micrograms/m ³ over 8 hours.