

ATTACHMENT 5

REFERENCE FORMAT FOR MATERIAL SAFETY DATA SHEET

1. Product and company information

Product name:
Product code:
Names, addresses, and phone numbers of the manufacturer or supplier:
Emergency contact phone numbers/fax numbers:

2. Ingredients identification information

Pure material:

Chinese and English name:
Synonyms:
CAS No.:
The hazardous ingredient (% of the content):

Mixture:

Chemical property:		
Chinese and English names of the hazardous ingredients	Concentration or concentration ranges (% of contents)	Classification and hazard symbols of the hazardous material

3. Hazards identification information:

The most important h azardous eff ect	Adverse health effects:
	Environmental effects:
	Physical and chemical effects:
	Specific hazards:
Main symptoms:	
Hazard classification of the product:	

4. First-aid Measures:

The first-aid measures for different exposure routes:
<ul style="list-style-type: none">· inhalation:· skin contact:· eye contact:· ingestion
The most important symptoms and hazardous effects:

The protection of first aiders:
Notes to physicians:

5. Fire-fighting measures:

Suitable fire extinguishing media:
Specific hazards may be encountered during fire-fighting:
Specific fire-fighting methods:
Special equipment for the protection of firefighters:

6. spill response measures:

Personal precautions:
Environmental precautions:
Methods for cleaning up:

7. Safe handling and storage measures:

Handling:
Storage:

8. Exposure controls:

Engineering control:
Control parameters: <ul style="list-style-type: none"> · 8 hours time weighted average exposure limits/Short-term exposure limits/maximum exposure limits: · biological exposure indices:
Personal protective equipment: <ul style="list-style-type: none"> · respiratory protection: · hand protection: · eye protection: · skin and body protection:
Hygiene measures:

9. Physical and chemical properties:

Physical state:	Form:
Color:	Odor:
PH value:	Boiling point/boiling range:
Decomposition temperature:	Flash point: °F °C
	Test method: Opened cup Closed cup
Autoignition temperature:	Explosion limits:
Vapor pressure:	Vapor density:
Density:	Solubility:

10. Stability and reactivity:

Stability:
Possible hazardous reactions occurring under specific conditions:
Conditions to avoid:
Materials to avoid:
Hazardous decomposition products:

11. Toxicological information:

Acute toxicity:
Local effects:
Sensitization:
Chronic toxicity or long term toxicity:
Specific effects:

12. Ecological information:

Possible environmental effects/environmental mobility:
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13. Waste disposal measures:

Methods of waste disposal:

14. Transport information:

International regulations for transport:
United Nation number (UN No):
Domestic regulations for transport:
Specific transport measures and precautionary conditions:

15. Regulatory information:

Applicable regulations:

16. Other information:

Literature references		
Organization that prepared the MSDS	Name:	
	Address/Telephone:	
Person who prepared the MSDS	Job title:	Name: (signature)
Date that the MSDS was prepared		