



ELKAY CHEMICALS PVT. LTD. BHOSARI, PUNE 26.
MATERIAL SAFETY DATA SHEET

FORM NO. RND/FM/07 REV. NO. 02, DATE: 20.11.2006,
REV 02 / MAR 11

Page 1 of 6

PRODUCT	LK- ASF-R 20
----------------	---------------------

ELKAY Chemicals Pvt. Ltd. urges the recipient of the safety data sheet to study it carefully to become aware of hazards, if any, of the product involved. In the interest of the safety you should (1) notify your employees, agents and contractors of the information on this sheet, (2) furnish a copy to each of your customers for the product, and (3) request your customers to inform their employee and customer as well.

STATEMENT OF HAZARDOUS NATURE: NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORK SAFE INDIA.

1.	IDENTIFICATION OF THE SUBSTANCE /PREPARATION AND OF THE COMPANY / UNDERTAKING
-----------	--

Identification of the substance or preparation

Chemical Name : Amino siloxane
Generic description : amino functional siloxane
Physical form : Liquid
Color : Colorless to slight hazy liquid.
Odour : amine odour
NFPA Profile : Health 2 : Flammability 1 : Reactivity 0
: 4 = Extreme; 3 = Serious; 2 = Moderate; 1 = Slight; 0 = Minimal

Rating Legend

NFPA : National Fire Protection Association

Company Identification

ELKAY CHEMICALS PVT. LTD.

Works: J-152, 153 MIDC BHOSARI, PUNE-411026 INDIA

Tel: 91-20- 30615300 Fax No. 91-20- 30635311 Emergency Telephone number -91-20-30615300

2.	COMPOSITION / INFORMATION INGREDIENTS
-----------	--

INGREDIENTS / CAS #	% BY WEIGHT	HAZARD	DANGER SYMBOL (S)
Dimethyl amino polysiloxane	> 94 %		

This is not a hazardous material as defined in the OSHA Hazard Communication Standard

3.	HAZARD IDENTIFICATION
-----------	------------------------------

POTANTIAL HEALTH EFFECT

Acute effects

Eye : Direct contact with server irritation. vapor may cause eye irritation.
Skin : May cause irritation.
Inhalation : Mist may irritate respiratory tract. Vapor overexposure may cause cause drowsiness.
Oral : May cause irritation to the mouth, throat & stomach.
Prolonged /Repeated Exposure Effect

Skin : Repeated or prolonged exposure may irritate seriously.



ELKAY CHEMICALS PVT. LTD. BHOSARI, PUNE 26.
MATERIAL SAFETY DATA SHEET

FORM NO. RND/FM/07 REV. NO. 02, DATE: 20.11.2006,
REV 02 / MAR 11

Page 2 of 6

Inhalation : No known applicable information.
Oral : No known applicable information.
Sings & symptoms of overexposure : No known applicable information.
Medical condition Aggravated by overexposure: No known applicable information.

The above listed potential effects of overexposure are based on actual data, result of studies performed upon similar composition

Component data & /or expert review of the product. Please refer to section 11 for the detailed toxicology information.

4.	FIRST AID MEASURES
-----------	---------------------------

Oral : Get medical attention.
Inhalation : Remove to fresh air. Get medical attention if ill effects persist.
Skin Contact : Remove from skin & wash thoroughly with soap & water or waterless cleanser.
Get medical attention if or other ill effects develop or persist.
Eye Contact : Immediately flush with water for 15 min Get medical attention.

5.	FIRE FIGHTING MEASURES
-----------	-------------------------------

Flash point (°C) Open cup : above 110 Deg.C
Auto ignition temperature (°C) open cup : Not determined

EXTINGUISHING MEDIA

Suitable : CO₂, Dry chemicals, Foam
Unsuitable : Acids, alkalis
Special fire fighting Procedures : Avoid skin eye contact, do not breath fumes
Special protective equipment for firefighters : Self contained breathingm apparatus & protective clothing should be worn n in fighting large fires involving chemicals.
Unusual fire and explosion hazards : None
HAZARDOUS DECOMPOSITION PRODUCTS : Thermal decomposition of this product during of this product fire or very height heat condition may evolve the following hazards decomposition product; carbon oxides & traces of incompletely burned carbon compounds. Silicon dioxides formaldehyde. Nitrogen oxides.

6.	ACCIDENTAL RELEASE MEASURES
-----------	------------------------------------

Method for cleaning up spills : Action to be taken if material is released or spilled
Wipe, scrape or soak up in an inert material & put in a container for disposal .wash walking surfaces with detergent & water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.



ELKAY CHEMICALS PVT. LTD. BHOSARI, PUNE 26.
MATERIAL SAFETY DATA SHEET

FORM NO. RND/FM/07 REV. NO. 02, DATE: 20.11.2006,
REV 02 / MAR 11

Page 3 of 6

7.	HANDLING AND STORAGE
-----------	-----------------------------

HANDLING

Handling. : Use adequate ventilation. Avoid eye exposure, skin contact, berating vapor, mist, dust or fumes. Keep container closed.
Do not take internally.

STORAGE

Storage Requirements : Use reasonable care and store away from oxidizing materials

8.	EXPOSURES CONTROLS / PERSONAL PROTECTION
-----------	---

COMPONENT EXPOSURE LIMITS

There is no component with workplace exposure limits.

Engineering controls :

Local ventilation: Recommended.

General ventilation: Recommended.

INGREDIENT TYPE	VALUE	REMARK
------------------------	--------------	---------------

No exposure limits were found for this product or any of its ingredients.

PERSONAL PROTECTION

SKIN

: Wash at mealtime & end of shift. If skin contact occurs, changed contaminated clothing as soon as possible & thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.

Hand protections/protective gloves

: Use protective gloves

Eye protection

: Use chemical workers goggles.

INHALASION:

: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposure is within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.

9.	PHYSICAL AND CHEMICAL PROPERTIES
-----------	---

Physical

Physical State : Slight Hazy viscous liquid.

Color : slight hazy

odour : amine odor

Chemical

Viscosity@ 25 °C (in cps) : 700-1000

Specific gravity @ 25 °C : 0.96 – 0.98

Volatile content (%) @ 110°C/1Hr : <6 max



ELKAY CHEMICALS PVT. LTD. BHOSARI, PUNE 26.

MATERIAL SAFETY DATA SHEET

FORM NO. RND/FM/07 REV. NO. 02, DATE: 20.11.2006,
REV 02 / MAR 11

Page 4 of 6

10.	STABILITY AND REACTIVITY
------------	---------------------------------

Chemical Stability : stable
Condition to avoid : None
Material to avoid : Oxidizing material can cause a reaction.
Hazardous Polymerization : Will not occur

11.	TOXICOLOGICAL INFORMATION
------------	----------------------------------

Swallowing ☐ : No data found for this product
Skin absorption : No data available
Inhalation : No data available
Skin contact : No data available
Eye contact : No data available

12.	ECOLOGICAL INFORMATION
------------	-------------------------------

Ecotoxicological data for this product is not available.

13.	DISPOSAL CONSIDERATIONS
------------	--------------------------------

Disposal should make in accordance to Consult state and local regulation regarding the proper disposal of this material.

14.	TRANSPORT INFORMATION
------------	------------------------------

This product is not regarded as dangerous good according to the national & international regulations on the transport of dangerous goods.

15	REGULARITY INFORMATION
-----------	-------------------------------

CLASSIFICAION : contain of MSDS comply with the OSHA hazard communication slandered 29 CFR 1910.200
Chemical Inventory TSCA status –all chemical substance in this material are included on or exempted from listing on TSCA inventory of chemical substances.

16.	OTHER INFORMATION
------------	--------------------------



ELKAY CHEMICALS PVT. LTD. BHOSARI, PUNE 26.

MATERIAL SAFETY DATA SHEET

FORM NO. RND/FM/07 REV. NO. 02, DATE: 20.11.2006,
REV 02 / MAR 11

Page 5 of 6

Recommended uses and restrictions

Please consult the technical data sheet of product for more information. The opinions expressed herein are those of qualified experts within Elkay. We believe that the information contained herein is current as of the date of this safety data sheet. Since the use of this information, opinions and the conditions of use of this product are not within the control of Elkay. It is the user's obligations to determine the condition of safe use of the products.