



Landec Corporation
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Intelimer[®] IPA13-1 Material Safety Data Sheet

MSDS NUMBER: IPA 13-1, revision 2
PRODUCT NAME: Intelimer[®] IPA13-1
EFFECTIVE DATE: 22.3.2005 SUPERSEDES: IPA 13-1, revision 1

1. Identification

Intelimer[®] IPA13-1

Intended use: as a raw material in the formulation of cosmetic products

Manufacturer/Distributor: Landec Corporation
3603 Haven Avenue, Suite E
Menlo Park, Ca 94025
USA

24 hour Emergency Contact: Infotrac: 1-800-535-5053
Outside USA: 1-352-323-3500

2. Composition

Proprietary alkyl acrylate polymer: 100%

3. Hazards Identification

Toxicity testing of a similar material indicates that this polymer in its normal physical state is not irritating or sensitizing. Heating this product to elevated temperature may produce vapors and/or fumes that may cause eye, skin and respiratory tract irritation. No information is currently available regarding the potential effects of long term exposure.

4. First Aid Measures

INHALATION: If respiratory symptoms or other symptoms of exposure develop, move to fresh air. If symptoms persist, seek medical attention. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention. If individual is not breathing, immediately begin artificial respiration. Keep individual warm and quiet; seek immediate medical attention.



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EYE CONTACT: Holding eyelids apart, immediately flush eyes with large amounts of water for at least 20 minutes. Seek immediate medical attention.

INGESTION: If symptoms develop, seek immediate medical attention.

SKIN CONTACT: Wash skin with soap and water. Remove and wash contaminated clothing properly.

5. Fire Fighting Measures

EXTINGUISHING MEDIA: CO₂, foam, or dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) equipped with a full facepiece and operated in a pressure-demand mode or other positive-pressure mode and protective clothing.

6. Accidental Release Measures

SPILL CLEAN UP: Isolate area. Wear impervious protective clothing and eye protection. Using care to avoid dust generation, vacuum or sweep product into a closed container for reuse or disposal. Do not sweep or flush spilled product into public sewer, streams, or other water systems. CAUTION: Contact with water may create a slippery film. Use caution to avoid falls.

7. Handling and Storage

VENTILATION: Provide local mechanical ventilation during handling operations.



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STORAGE

RECOMMENDATIONS: Store in closed containers away from heat and moisture.

Store at a temperature **below 40°C (104°F)** to prevent product from melting and fusing together.

8. Exposure Controls/Personal Protection

As with all chemicals for which test data are limited or do not exist, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure. Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid inhalation. Avoid ingestion. Use under well-ventilated conditions. Wear eye protection and protective gloves. Wash thoroughly after handling. Keep container closed when not in use.

EYE PROTECTION: Safety glasses with side shields (or goggles) are recommended for any type of chemical handling.

SKIN PROTECTION: Use of impervious gloves and protective clothing is recommended.

RESPIRATORY PROTECTION:
If respirable dust exposures exceed 1.0 mg/m³ (8-hour TWA), a NIOSH/MSHA-approved (air purifying respirator with dust/mist filter is recommended. If thermal degradation is possible, use of a NIOSH/MSHA-approved air purifying respirator with organic vapor/acid gas/HEPA combination cartridge or air-supplied respirator is recommended.

9. Physical and Chemical properties

APPEARANCE White to light yellow solid

ODOR None

PH N/A



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BOILING POINT None
MELTING POINT 40°C to 50°C
FLASH POINT Not Established
FLAMMABILITY Non-flammable
AUTOFLAMMABILITY Non-flammable
EXPLOSIVE PROPERTIES: None
OXIDIZING PROPERTIES Not Established
VAPOR PRESSURE Negligible volatility will occur at ambient temperature and will not result in the accumulation of vapors.
RELATIVE DENSITY 0.9 – 0.95 g/cm³
SOLUBILITY < 0.01g/100ml in water
PARTITION COEFFICIENT Not Established

10. Stability and Reactivity

STABILITY AT ROOM TEMPERATURE: Stable

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY: None

HAZARDOUS

DECOMPOSITION PRODUCTS: May emit CO, CO₂, and organic fumes.



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HAZARDOUS
POLYMERIZATION: Will not occur

11. Toxicological Information

No toxicity studies have been conducted on this product. The information presented in the Hazards Identification section corresponds to a similar material.

12. Ecological Information

Ecological information on this substance or its components is not available.

13. Disposal Considerations

DISPOSAL: Incinerate or landfill waste in a properly permitted facility in accordance with appropriate regulations.

14. Transport Information

UN Number: N/A.
Non-regulated
Non-hazardous

NFPA Hazard Rating:
Health: 1
Flammability: 0
Reactivity: 0

15. Regulatory Information

All components used in the manufacture of Intelimer[®] IPA13-1 are listed on the TSCA inventory. Intelimer[®] IPA13-1 is exempt from listing by the criteria specified in 40 CFR 723.50(e)(1).



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All components used in the manufacture of Intelimer[®] IPA13-1 are listed on the EINECS inventory.

European / International Regulations:

Hazard Classification:

THIS PRODUCT IS NOT HAZARDOUS ACCORDING TO EEC DIRECTIVES 67/548/EEC AND 99/45/EC.

Danger Symbol: NONE

Risk Phrases: NOT APPLICABLE

Safety Phrases: NOT APPLICABLE

16. Other Information

Landec Corporation makes no warranty, express or implied, as to the accuracy, completeness or reliability of information contained herein. The recommended industrial hygiene and handling procedures are believed to be generally applicable; however, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

SDS IPA 13-1
IPA 13-1, revision 1
IPA 13-1, revision 2

Prepared by: Susan Free
Revised by: Ray Wong
Revised by: Ray Wong

Date: 06/17/2002
Date: 01/16/2004
Date: 03/22/2005